

AD-A188 316

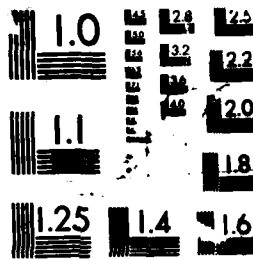
EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87
USAFETAC/DS-87/879

1/4

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NBS-1963-A

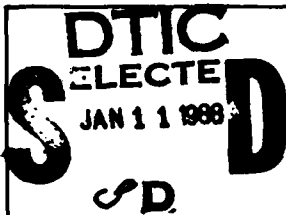
AD-A188 316

USAR 702650

USAFETAC/DS-87/079

LIBRARY
F04600
USARP-APB, JUL 62225-5458, 0

DTIC FILE COPY



OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)



**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

EIELSON AFB AK MSC 702650
N 64 40 W 147 06 ELEV 547 FT PAEI

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: NOV 44 - JUN 45,
OCT 46 - JUL 87

DEC 07 1987

"Approved for public release;
Distribution Unlimited." **FEDERAL BUILDING**

ASHEVILLE, N.C. 28801 - 2723

88 1 5 067

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/079 Eielson AFB AK (RUSSWO) Dec 1987 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-87/079.
5. Monitoring Organization Report Number: USAFETAC/DS-87/079.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
11. Title: (RUSSWO) Eielson AFB AK.
12. Personal Author(s):
- 13a. Type of Report: Data Summary
- 13b. Time Covered: Nov 44-Jun 45, Oct 46-Jul 87.
14. Date of Report: Dec 87
15. Page Count: 312
16. Supplementary Notation:
17. COSATI Codes: Field--04, Group--02
18. Subject Terms: *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Eielson AFB AK; Fairbanks AK; Alaska; USAK702650.
19. Abstract: A six-part statistical data summary of surface weather observations for: Eielson AFB AK. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
20. Distribution/Availability of Abstract: Same as report.
21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh.
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



RRRRRRR	UU	UU	SSSSSS	SSSSSS	WW	WW	0000
RRRRRRR	UU	UU	SSSSSSSS	SSSSSSSS	WW	WW	00000000
RR RR	UU	UU	SS SS	SS SS	WW	WW	000 000
RR RR	UU	UU	SS SS	SS SS	WW	WW	00 00
RRRRRRR	UU	UU	SS	SS	WW	WW	00 00
RRRRRRR	UU	UU	SS	SS	WW	WW	00 00
RR RR	UU	UU	SS SS	SS SS	WW W WW	WW	00 00
RR RR	UU	UU	SSS SSS	SSS SSS	WW WWW WW	WW	000 000
RR RR	UU UU	UU	SSSSSSSS	SSSSSSSS	WW WW WW WW	WW	00000000
RR RR	UUUUU		SSSSSS	SSSSSS	WWW WWW	WW	0000

STATION NAME: EIELSON AFB AK

STATION NUMBER: 702650

CALL ID: PAEI

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: NOV 44 - JUN 45, OCT 46 - JUL 87

TIME CONVERSION LST TO GMT: +9

DATE PRODUCED: 27 NOV 1987

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-FOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO1).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: PRECIPITATION, SNOWFALL, AND SNOW DEPTH SUMMARIES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMNC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	OR	WMO NUMP
702650	EIELSON AFB ALASKA/FAIRBANKS	N 64.40	W 147.06	547	FAEI	70265

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARR.	
* 1.	Eielson AFB, Fairbanks	APB	Oct 46	Jul 54	N 64 39	W 147 04	537 ft	552 ft	24
2.	Same	Same	Jul 54	Jul 59	Same	Same	547 ft	539 ft	24
3.	Same	Same	Jul 59	UNK	N 64 41	W 147 05	548 ft	569 ft	24
4.	Same	Same	UNK	Dec 73	Same	Same	545 ft	558 ft	24
5.	Same	Same	Jan 74	Oct 79	N 64 39	W 147 06	545 ft	545 ft	24
6.	Same	Same	Oct 79	May 80	N 64 40	W 147 06	545 ft	545 ft	24
7.	Same	Same	May 80	Dec 80	Same	Same	547 ft	545 ft	24
8.	Same	Same	Jan 81	Apr 83	Same	Same	547 ft	547 ft	24
9.	Same	Same	May 83	Dec 83	Same	Same	547 ft	547 ft	24
10.	Same	Same	Jan 84	Aug 87	Same	Same	547 ft	547 ft	24
* Nov 44-Jun 45 Mile 26 Field U.S. Army Air Corps NOTE: WEATHER MODIFICATION CONDUCTED (DEC 71-FEB 72, DEC 72-JAN 73) (REF AMSTR-74-247)									

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 46	Not available	SG-187A	UNK	UNK	Recorder charts began Feb 48
2	Apr 53	Located on the roof of Control Tower	ML-80	ML-144B	100 ft	
3	Mar 54	Located 1/2 mile N of end of Rnwy	Same	ML-117	12 ft	
4	Mar 55	Dual Instrumented				
		1. 1250 ft SE of the N end of Rnwy 13 R	AM/GMQ-11	RO-2	13 ft	
		2. 1/2 mile N of Rnwy	ML-80	ML-117	12 ft	
5	Mar 56	Located approximately 200 ft E of the touchdown point on Rnwy 13R	AM/GMQ-11	RO-s	13 ft	
6	Mar 57	Located 1250 ft SE of N end of Rnwy 13R	Same	Same	Same	

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 59	Located 900 ft W of the S end of Rnwy 31 L	Same	Same	Same	
8	Mar 64	Dual Instrumented 1. 1000 ft S of W end of Rnwy 13, 750 ft E of centerline 2. 1200 ft W of S end of Rnwy 31 275 ft E of Centerline	AM/GMQ-11	RO-a	13 ft	
9	May 69	Dual Instrumented 1. 800 ft S of W end of Rnwy 13 750 ft E of Centerline 2. 1850 ft W of S end of Rnwy 31 700 ft E of centerline	Same		Same	
			An/GMQ-20	RO-362	13 ft	
			Same		Same	
10	Nov 77	1. Same 2. Same	GMQ-20	RO-362	13 ft	
			Same		Same	
11	Apr 83	1. Same 2. Same	Same	Same	Same	

PPPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02			.3	18.8		18.8	13.7	.1	.5		14.2	930
03-05			.3	21.6		21.8	14.6		.6		15.3	930
06-08			.3	20.8		21.0	14.4		.3		14.7	930
09-11				17.7		17.7	16.8		.4		17.2	930
12-14			.1	17.2		17.2	14.8		.4		15.3	930
15-17			.4	16.2		16.3	13.2		.3		13.5	930
18-20			.1	19.7		19.7	11.9		.2		12.2	930
21-23				19.9		19.9	13.5		.5		14.1	930
TOTALS			.2	19.0		19.1	14.1	.0	.4		14.6	7440

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02			.4	22.2		22.6	10.5		.4		10.9	846
03-05			.4	23.3		23.6	12.8		.1		12.9	846
06-08			.2	23.8		24.0	13.7		.5		14.2	846
09-11			.1	19.7		19.9	17.5		.4		17.8	846
12-14			.2	15.7		16.0	9.1		.5		9.6	846
15-17			.6	14.8		15.1	3.1				3.1	846
18-20			.2	16.0		16.1	6.3				6.3	846
21-23			.1	18.6		18.7	9.8		.4		10.2	846
TOTALS			.3	19.3		19.5	10.4		.3		10.6	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02				10.1		10.1	.5				.5	930
03-05			.1	12.5		12.5	1.4		.1		1.5	930
06-08				12.2		12.2	1.3				1.3	930
09-11			.1	11.0		11.0	.9				.9	930
12-14				8.6		8.6	.6	.1			.8	930
15-17		.1		8.4		8.4	.8	.3	.1		1.2	930
18-20		.1		7.4		7.4	.8	.1			.9	929
21-23		.3	.1	7.8		8.3	.2				.2	930
TOTALS		.1	.0	9.8		9.8	.8	.1	.0		.9	7439

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		1.7		9.0		9.8	1.0				1.0	899
03-05		1.8		10.0		11.2	1.8				1.8	900
06-08		3.0	.1	9.9		12.1	2.0				2.0	900
09-11		2.4		9.7		11.7	.9				.9	900
12-14		2.0		7.8		9.4	.6		.3		.9	900
15-17		2.4		5.1	.1	7.4	.8		.3		1.1	900
18-20		2.1		4.9		7.0	1.2		.1		1.3	899
21-23		1.7		7.2		8.8	1.4		.2		1.7	900
TOTALS		2.1	.0	8.0	.0	9.7	1.2		.1		1.3	7198

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN OR DRIZZLE	SNOW L/DR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.3		.9		3.9	.4	.1			.5	930
03-05		3.0		1.4		3.9	1.2	.1			1.3	930
06-08		4.8		2.4		7.0	1.2	.3	.1		1.6	930
09-11		4.2		1.6		5.6	.4	.8			1.2	930
12-14	.8	4.8		1.0	.1	5.8	.5	1.2			1.7	930
15-17	.9	7.1		.5		7.6	.3	.8			1.1	930
18-20	1.1	6.3		.5	.1	6.7	.2	.5			.8	930
21-23	.1	5.5		.4		5.7	.3	.3			.6	930
TOTALS	.4	4.9		1.1	.0	5.8	.6	.5	.0		1.1	7440

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN OR DRIZZLE	SNOW L/DR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	11.2				11.2	1.7				1.7	900
03-05	.1	15.0				15.0	2.7	.6			3.2	900
06-08		16.2				16.2	3.7	1.8			5.4	900
09-11		16.2				16.2	2.2	1.3			3.6	900
12-14	.7	13.6				13.6	1.4	1.3			2.8	900
15-17	2.2	9.2				9.2	.3	1.0			1.1	900
18-20	1.0	10.2				10.2	.3	.3			.7	900
21-23	1.3	11.3				11.3	.2	.4			.7	900
TOTALS	.7	12.9				12.9	1.5	.8			2.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.6	14.9				14.9	4.1	.8			4.8	930
03-05		14.1				14.1	6.0	.4			6.5	930
06-08		15.4				15.4	7.0	.6			7.4	930
09-11		13.2				13.2	5.5	1.1			6.2	930
12-14	.8	12.0				12.0	3.5	1.0			4.5	930
15-17	2.0	15.3				15.3	2.2	.9			3.0	927
18-20	2.0	13.2				13.2	1.9	.6			2.6	927
21-23	.9	15.5				15.5	3.3	.9			4.2	927
TOTALS	.8	14.2				14.2	4.2	.8			4.9	7431

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.3	17.1				17.1	4.3	.4			4.7	930
03-05		17.1		.1		17.2	7.0	.4			7.1	930
06-08		16.1				16.1	13.0	.3			13.3	930
09-11		16.9				16.9	9.0	.5			9.4	930
12-14	.2	12.6				12.6	4.3	.8			5.1	930
15-17	.6	12.2				12.2	3.2	.5			3.8	930
18-20	.8	10.8			.1	10.8	2.9	.5			3.4	930
21-23	.4	13.1				13.1	3.0	.6			3.7	930
TOTALS	.3	14.5		.0	.0	14.5	5.8	.5			6.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		13.6		3.3		15.6	6.1	.4			6.3	900
03-05		13.3		3.1		15.9	8.0	.3			8.0	900
06-08		14.1		3.8		17.4	12.9	.3			12.9	900
09-11		15.4		4.6		19.6	9.3	.1			9.3	900
12-14		14.0		3.8		17.1	3.8	.2			4.0	900
15-17	.1	11.1		2.6		13.3	2.6	.2			2.6	900
18-20	.1	13.2		2.0		15.1	3.1	.1			3.2	900
21-23		13.0		2.9		15.2	4.2	.3			4.6	900
TOTALS	.0	13.5		3.3		16.2	6.3	.2			6.4	7200

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.8	.2	24.5		27.5	8.4				8.4	930
03-05		3.5	.6	22.7		26.1	9.4				9.4	930
06-08		4.1	.3	24.5		28.1	9.1				9.1	930
09-11		4.5	.2	24.6		28.6	10.3				10.3	930
12-14		2.4		22.3		24.1	7.3				7.3	930
15-17		2.8		19.5		21.9	5.4				5.4	930
18-20		3.2		21.5		24.4	5.2		.2		5.4	930
21-23		2.6	.3	26.5		28.8	6.5				6.5	930
TOTALS		3.4	.2	23.3		26.2	7.7		.0		7.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.2	.6	29.2		29.7	7.1				7.1	900
03-05		.2	.6	30.7		31.0	7.2				7.2	900
06-08		.4	.4	31.6		32.0	7.0	.2			7.2	900
09-11		.4	.1	27.0		27.2	7.2	.3			7.6	900
12-14		.2		26.9		27.0	5.7	.2			5.9	900
15-17		.2	.1	24.0		24.2	5.8				5.8	900
18-20		.3	.4	26.4		26.8	6.7				6.7	900
21-23		.3	.3	27.2		27.6	6.0				6.0	900
TOTALS		.3	.3	27.9		28.2	6.6	.1			6.7	7200

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02			.3	25.4		25.4	18.3	.1	.1		18.4	930
03-05		.1		28.6		28.7	19.6		.4		20.0	930
06-08				25.9		25.9	18.8		.5		19.4	930
09-11			.1	23.9		23.9	20.2		.4		20.6	930
12-14			.1	22.9		23.0	18.6	.3	.2		19.1	930
15-17				21.4		21.4	18.2	.1	.3		18.6	930
18-20			.1	26.2		26.3	19.2		.5		19.7	930
21-23		.1		26.5		26.6	21.1		.5		21.4	930
TOTALS		.0	.1	25.1		25.2	19.3	.1	.4		19.7	7440

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL

	POURS (LST)	TSTMS	RAIN C/DRIZZLE	FRZING RAIN C/DRIZZLE	SNOW C/SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE C/MAZE	BLOWING SNOW	DUST C/SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL			.2	19.0		19.1	19.1	.0	.4		19.6	7440
FEB				.3	19.3		19.5	10.4		.3		10.6	6768
MAR			.1	.0	9.8		9.8	.8	.1	.0		.9	7439
APR			2.1	.0	8.0	.0	9.7	1.2		.1		1.3	7198
MAY		.4	4.9		1.1	.0	5.8	.6	.5	.0		1.1	7440
JUN		.7	12.9				12.9	1.5	.8			2.4	7200
JUL		.8	14.2				14.2	4.2	.8			4.9	7431
AUG		.3	14.5		.0	.0	14.5	5.8	.5			6.3	7440
SEP		.0	13.5		3.3		16.2	6.3	.2			6.4	7200
OCT			3.4	.2	23.3		26.2	7.7		.0		7.7	7440
NOV			.3	.3	27.9		28.2	6.6	.1			6.7	7200
DEC			.0	.1	25.1		25.2	19.3	.1	.4		19.7	7440
TOTALS		.2	5.5	.1	11.4	.0	16.8	6.5	.3	.1		6.9	87636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 49-87
MONTH: ALL

MONTH	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS	
JAN		3.5	3.2	53.2		53.5	49.2	2.9	1.7		50.3	1209	
FEB		2.2	1.8	50.1		50.6	38.1	2.5	2.0		40.1	1101	
MAR		2.3	.4	38.4		38.9	16.6	1.3	1.8		18.7	1209	
APR		.1	8.7	.4	32.6	.1	36.2	8.0	.8		8.5	1170	
MAY		2.2	43.7		8.3	1.5	47.0	5.8	.7	.2	6.5	1208	
JUN		10.9	60.3		.2	1.5	60.3	9.1	3.8		.1	12.6	1170
JUL		13.4	63.7			.3	63.7	18.5	6.5			23.2	1209
AUG		4.8	62.4		.3	.5	62.6	29.1	5.3			31.3	1177
SEP		.4	47.8	.2	13.4	.1	53.5	27.1	3.0			29.1	1146
OCT			14.9	2.0	53.7		60.3	35.4	1.4	.5		36.0	1178
NOV			3.7	2.5	56.8		58.2	36.5	1.8	1.5		37.6	1140
DEC			2.4	2.1	57.5		57.9	45.1	3.2	2.1		46.9	1177
TOTALS		2.6	26.3	1.0	30.4	.3	53.6	26.5	2.7	.9	.0	28.4	14088

PPPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

OOOOOOO
OOOOOOO
OO OO
OO OO
OOOOOOO
OOOOOOO
OO OO
OO OO
OOOOOOO
OOOOOOO

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: "0" EQUALS NONE FOR THE MONTH (HOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 7C2650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	8 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				.05	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	20.00			MEAN	GREATEST	LEAST
JAN	47.0	29.2	4.0	8.3	4.1	4.7	2.1	.5	.2					23.8	1302	.79	4.05	.05
FEB	48.1	28.5	4.7	8.2	4.0	4.6	1.6	.4						23.4	1186	.62	2.52	TRACE
MAR	60.7	18.6	3.5	8.1	4.5	3.3	.8	.4						20.7	1302	.53	2.71	TRACE
APR	62.2	19.8	3.1	7.0	3.7	3.8	.6	.5						17.9	1260	.46	4.37	TRACE
MAY	53.3	26.6	3.5	5.3	4.7	3.8	2.4	.5						20.1	1302	.72	2.04	.02
JUN	39.5	24.5	4.8	10.1	7.1	7.6	4.5	1.5	.5					36.1	1237	1.60	4.20	.24
JUL	37.0	20.1	5.2	10.9	7.2	10.0	5.8	3.4	.6					43.0	1271	2.44	5.17	.43
AUG	37.5	27.7	4.9	11.6	6.7	9.1	6.2	2.4	.6	.1				41.7	1239	2.34	7.47	.60
SEP	46.6	17.0	6.6	10.1	6.9	7.2	4.4	1.2	.1					36.4	1200	1.37	3.71	.13
OCT	59.7	25.3	6.3	12.3	7.2	6.9	2.3	.2	.1					34.9	1271	1.00	3.57	.03
NOV	40.7	28.2	5.6	10.6	6.6	6.5	1.7	.2						31.1	1250	.81	2.68	TRACE
DEC	42.0	30.0	5.4	10.5	4.8	5.1	1.6	.5						28.0	1302	.77	3.10	.01
ANN	46.2	24.0	4.8	9.4	5.6	6.0	2.8	1.0	.2	.7				29.8	15122	13.45		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44											.13	.07	
45	.07	.34	.16	.11	.29	*.26							
46													
47	.51	TRACE	.07	.09	.39	.12	.13	.25	.35	.16	.32	.51	.51
48	.50	.40	.60	.80	.83	.57	.92	.99	.29	.34	.30	.51	.99
49	.31	.81	.09	.05	.27	.59	.69	*.23	.05	.38	.07	.18	.81
50	.53	.13	.39	.08	.10	.84	.92	1.13	.28	.17	.68	.12	1.13
51	.11	.18	.22	.02	.09	.51	.30	.35	.59	.13	.11	.28	.59
52	.81	.04	.26	.14	.18	.50	.56	.71	.67	.27	.06	.01	.81
53	.07	.06	.05	.13	.53	1.36	1.26	2.00	.41	.26	.06	.19	2.00
54	.60	.15	.29	.01	.17	1.02	.51	.22	1.29	.08	.24	.51	1.29
55	.21	.40	.34	.14	.89	1.26	.82	.54	.83	.25	.17	.41	1.26
56	.27	.34	.05	.16	.40	.53	.57	.92	.42	.43	.35	.27	.92
57	1.18	.60	.43	.10	.07	.16	1.01	.43	.54	.23	.17	.24	1.18
58	.17	.19	.20	.12	.46	.27	1.12	.29	.42	.33	.18	.20	1.12
59	.35	.43	.25	.07	.76	.34	.69	.44	.86	.30	.32	.23	.86
60	.49	.20	.19	.22	.10	.30	.21	1.02	.85	.20	.24	.08	1.02
61	.05	.14	.06	.36	.25	.26	.97	1.18	.46	.48	.22	.27	1.18
62	.38	.60	.56	.26	.43	1.23	1.64	.64	.42	.07	.12	.26	1.64
63	.49	.15	.80	.61	.10	.57	.56	.90	.11	1.18	.29	.31	1.18
64	.09	.32	.17	.20	.28	1.00	.54	.43	.37	.26	.33	.21	1.00
65	.35	.23	.30	.17	.26	.38	.38	1.10	.90	.13	.19	.72	1.10
66	.04	.75	.10	.19	.14	.40	.23	.34	.66	.26	.53	.21	.75
67	.13	.08	.33	.19	.33	.73	1.63	3.41	.22	.16	.09	.21	3.41
68	.47	.09	TRACE	.05	.80	.81	.63	.29	.08	.24	.06	.75	.81
69	.27	.09	.19	TRACE	.29	.26	.21	.69	.19	.02	.21	.02	.69
70	.05	.10	.03	.23	.24	.67	.28	.40	.46	.23	.74	.24	.74
71	.19	.17	.09	.14	.23	.18	.54	.56	.54	.48	.50	.40	.56
72	.10	.07	.20	.11	.04	.30	.34	.23	.49	.27	.24	.21	.49
73	.29	.01	.13	.03	.59	.92	.63	.59	.06	.01	.23	.17	.92

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-67

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
74	.15	.23	.29	.07	.06	.60	.55	.72	.15	.45	.25	.18	.72
75	.33	.04	.27	.56	.01	.10	.64	.62	.23	.14	.25	.32	.64
76	.10	TRACE	.11	.02	.41	.14	.83	.53	.21	.26	.12	.04	.83
77	1.21	.23	.11	.20	.28	1.38	.62	.21	.57	.25	.11	.22	1.38
78	.31	.12	.06	.12	.14	.30	.35	.58	.32	.18	.27	.20	.58
79	.29	.13	.18	.19	.11	.47	.80	.78	.06	.07	.23	.10	.80
80	.22	.11	.05	TRACE	.22	.81	.45	.64	.18	.10	.23	.05	.81
81	.04	.73	.18	.13	.47	.47	.91	.39	.23	.10	.15	.26	.91
82	.08	.26	.10	.14	.49	.37	.72	.88	.23	.24	.38	.05	.88
83	.09	.05	.09	.10	.08	.15	.53	.73	.32	.40	TRACE	.11	.73
84	.13	.12	.02	.09	.21	.48	.98	.46	.59	.13	.35	1.00	1.00
85	.15	.11	.12	.03	.09	.42	.43	.57	.74	.86	.28	.05	.86
86	.08	.06	.07	.06	.19	.40	1.22	1.36	.26	.90	.16	.07	1.36
87	.20	TRACE	TRACE	.01	.08	.19	.29						
MEAN	.290	.220	.195	.154	.294	.545	.673	.731	.423	.293	.249	.242	1.017
S.D.	.274	.211	.170	.163	.226	.350	.359	.571	.275	.230	.157	.212	.502
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44											.28	.16	
45	.08	.50	.50	.47	.67	.66							
46										.34	.57	.89	
47	2.30	TRACE	.22	.23	.63	.40	.43	.60	1.14	.76	.95	.06	7.42
48	1.30	.65	1.54	.37	1.41	2.05	3.67	5.01	.59	.80	.82	2.45	24.66
49	1.12	1.67	.32	.18	.87	3.13	4.06	*1.51	.13	.79	.13	.53	*14.44
50	2.08	.15	.79	.09	.28	1.00	3.04	2.62	.58	.58	1.48	.45	13.14
51	.29	.73	.47	.02	.31	1.32	1.45	1.17	1.13	.29	1.05	.94	9.17
52	1.39	.16	.82	.19	.66	1.71	2.64	1.85	2.21	.73	.12	.01	12.49
53	.11	.16	.08	.15	1.67	2.48	2.62	3.32	1.32	.48	.06	.57	13.02
54	1.68	.20	.79	.01	.30	2.47	2.30	1.15	2.23	.25	.55	1.31	13.24
55	.69	1.52	1.07	.36	2.04	4.20	2.70	3.29	2.09	1.12	.75	2.64	22.47
56	1.20	2.15	.08	.53	1.15	1.40	1.75	3.07	1.20	1.88	1.87	.83	17.11
57	4.05	2.52	.58	.21	.15	.24	2.15	.74	2.19	1.33	.40	.58	15.14
58	.79	.27	.50	.37	.98	.71	1.83	.83	1.57	1.47	.96	.63	10.91
59	.36	1.87	.52	.18	1.39	.86	3.84	1.86	2.22	1.21	1.46	1.34	17.11
60	1.52	.80	.71	.41	.25	1.02	.86	2.62	2.98	.78	.66	.27	12.88
61	.14	.47	.21	1.59	.78	.96	4.15	4.24	3.14	2.97	.93	.80	20.38
62	1.49	2.13	1.58	.83	.96	2.68	5.17	3.43	1.91	.34	.34	1.06	21.92
63	2.04	.59	2.71	1.31	.27	3.15	2.30	3.29	.20	2.63	.84	.74	20.07
64	.23	1.08	.62	1.00	.91	1.97	2.20	1.93	1.21	.64	1.02	.78	13.59
65	.12	.37	.57	.50	.31	2.00	1.66	2.23	2.85	.91	.96	1.57	14.05
66	.05	1.96	.26	.44	.71	1.29	.80	1.01	.98	.67	2.15	.30	10.62
67	.54	.24	1.46	.72	1.10	1.34	4.98	7.47	.53	.43	.48	.99	20.28
68	1.19	.20	TRACE	.15	1.06	2.44	1.46	1.62	.21	.59	.27	1.08	10.27
69	.51	.13	.50	TRACE	.74	.55	2.09	2.42	.20	.03	.43	.02	7.62
70	.13	.20	.06	.37	.94	1.91	1.29	1.47	1.77	1.01	2.68	1.17	13.00
71	.44	.84	.22	.30	.62	.33	2.15	3.25	2.06	3.57	.79	1.48	16.05
72	.48	.16	.53	.28	.06	.81	1.20	.71	2.55	1.05	.68	.67	9.18
73	.60	.01	.43	.06	1.39	1.58	3.04	2.28	.19	1.45	1.03	.32	12.38

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 7C2650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.23	.69	.75	.12	.09	1.33	1.70	1.61	.34	1.32	1.24	.75	10.17
75	.64	.04	.53	.85	.02	.44	2.12	3.22	.76	.62	.61	.04	9.89
76	.18	TRACE	.41	.02	1.22	.34	3.55	1.29	.47	.93	.35	.09	8.85
77	1.53	.57	.38	.49	1.03	3.58	2.24	.76	2.98	1.29	.28	.71	15.84
78	.55	.30	.12	.35	.30	1.32	.79	1.84	1.34	.60	1.20	1.19	9.90
79	.69	.13	.68	.67	.26	2.06	3.64	1.62	.18	.44	.69	.56	11.62
80	.75	.15	.09	TRACE	.48	2.24	2.00	1.73	.59	.26	.91	.19	9.39
81	.06	1.39	.18	.21	1.15	1.34	4.21	1.66	.80	.41	.57	.51	12.19
82	.13	.44	.29	.57	1.19	2.41	2.99	2.62	1.03	1.20	1.15	.11	14.13
83	.28	.08	.26	.20	.20	.52	1.79	3.78	1.28	1.25	TRACE	.44	10.08
84	.43	.30	.02	.28	.82	1.26	3.27	2.09	.87	.44	.51	3.10	13.39
85	.32	.31	.22	.13	.10	2.44	.97	2.66	3.71	1.29	.84	.05	13.04
86	.17	.10	.16	.07	.64	1.51	3.40	3.00	.94	1.77	.42	.07	12.25
87	.46	TRACE	TRACE	.02	.15	.72	1.55						
MEAN	.787	.617	.529	.460	.720	1.598	2.440	2.343	1.367	.998	.810	.773	13.562
S.D.	.790	.685	.521	.710	.486	.949	1.166	1.346	.962	.735	.550	.700	4.248
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 7C2650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 46-87

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	MEAN			GREATEST	LEAST	
JAN	46.5	27.3	9.4	9.7	3.7	1.7	.9	.9	.2	.1				26.5	1271	11.3	35.1	1.1	
FEB	48.4	24.4	12.3	9.2	2.5	1.4	.8	.4	.3	.1				27.1	1158	8.2	34.2	TRACE	
MAR	61.4	15.8	10.1	7.4	3.2	.9	.8	.2	.2					22.8	1271	7.0	30.9	TRACE	
APR	66.6	16.7	7.7	5.4	2.3	.7	.2	.4	.1					16.7	1230	4.9	37.9	TRACE	
MAY	91.3	6.1	1.1	1.0	.3	.2								2.6	1271	.7	6.0	.0	
JUN	99.8	.2													1230	TRACE	TRACE	.0	
JUL	100.0														1271	.0	.0	.0	
AUG	99.5	.5													1240	TRACE	TRACE	.0	
SEP	86.4	7.8	2.2	2.4	.3	.3	.4	.1						5.7	1200	1.8	12.9	.0	
OCT	46.4	21.1	12.8	11.7	3.7	2.8	.9	.4	.2	.1				32.5	1271	11.1	39.6	.9	
NOV	41.5	23.9	13.2	11.6	5.4	2.4	.8	.5	.7					34.6	1230	12.3	46.8	.6	
DEC	41.9	27.2	12.2	10.4	4.2	1.4	1.3	.8	.4	.2				30.8	1271	11.6	52.4	.1	
ANN	69.1	14.2	6.7	5.7	2.1	1.0	.5	.3	.2	.0				16.6	14914	67.9			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
46										2.0	4.0	5.1	
47	5.1	TRACE	.7	.7	.1	.0	.0	.0	.1	1.6	4.1	.4	5.1
48	5.0	4.0	6.0	8.0	.3	.0	.0	TRACE	.7	3.4	3.0	5.1	8.0
49	3.1	8.1	.9	.5	2.0	.0	.0	.0	.0	3.8	.7	1.8	8.1
50	5.3	1.3	3.9	.8	TRACE	.0	.0	.0	TRACE	1.7	6.8	1.2	6.8
51	1.1	1.8	2.2	TRACE	.1	.0	.0	.0	.1	1.3	1.1	2.8	2.8
52	9.1	.4	2.6	1.4	1.2	.0	.0	.0	1.7	2.7	.6	.1	8.1
53	.7	.6	.5	1.3	TRACE	.0	.0	.0	.1	2.6	.6	1.9	2.6
54	8.1	1.5	2.9	.1	.0	.0	.0	.0	TRACE	.8	2.4	5.1	8.1
55	2.3	3.9	3.5	1.4	TRACE	.0	.0	TRACE	TRACE	2.2	1.9	5.4	5.4
56	3.1	3.1	.4	1.5	.0	.0	.0	.0	.8	6.4	3.6	2.7	6.4
57	12.7	5.4	3.6	.8	.1	.0	.0	.0	4.3	3.4	1.8	2.5	12.7
58	2.2	2.5	2.1	.8	.7	.0	.0	.0	.9	3.3	1.7	2.0	3.3
59	3.9	4.2	2.5	.9	.0	.0	.0	.0	.5	1.9	3.2	2.3	4.2
60	4.9	2.0	1.9	2.1	TRACE	.0	.0	.0	5.0	1.3	2.4	.8	5.0
61	.5	1.4	.6	3.6	.2	.0	.0	.0	2.4	4.3	2.2	2.7	4.3
62	3.8	6.7	5.6	2.6	.4	.0	.0	TRACE	3.6	.7	1.2	2.5	6.0
63	4.9	1.5	8.0	6.1	.7	TRACE	.0	.0	.0	11.8	2.9	2.9	11.8
64	1.2	1.7	1.9	2.1	2.9	.0	.0	.0	TRACE	2.6	5.9	3.7	5.9
65	1.0	7.2	.4	2.8	2.1	.0	.0	.0	1.4	3.4	3.2	11.3	11.3
66	.8	14.2	1.4	1.1	1.3	.0	.0	.0	.0	3.0	8.1	3.0	14.2
67	3.3	1.4	7.0	2.3	TRACE	.0	.0	.0	TRACE	2.4	2.6	4.0	7.0
68	5.5	2.2	.2	3.0	2.4	.0	.0	.0	.6	2.7	1.7	10.0	10.0
69	2.9	1.4	4.2	.2	.3	.0	.0	TRACE	.0	.6	4.2	.2	4.2
70	1.2	1.8	.7	3.4	TRACE	.0	.0	.0	4.1	3.4	8.4	6.7	8.4
71	7.2	2.0	1.9	1.4	2.9	.0	.0	.0	TRACE	4.9	4.9	5.8	7.2
72	1.5	1.6	2.1	1.3	TRACE	.0	.0	.0	3.7	2.6	3.7	2.4	3.7
73	3.7	.3	1.5	.4	TRACE	.0	.0	.0	.9	4.1	3.7	2.1	4.1
74	2.2	3.8	3.2	.6	TRACE	TRACE	.0	.0	.4	7.4	7.0	6.4	7.4
75	5.9	.6	3.7	5.7	TRACE	.0	.0	.0	TRACE	3.4	3.7	.3	5.9

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
76	1.4	.2	2.7	.2	TRACE	.0	.0	.0	.0	5.1	1.9	.6	5.1
77	5.6	5.2	1.2	3.5	TRACE	.0	.0	.0	.9	3.8	1.7	3.5	5.6
78	4.2	2.0	1.3	.9	.0	.0	.0	.0	.2	2.6	3.3	4.2	4.2
79	6.0	2.7	2.4	2.1	.0	.0	.0	.0	TRACE	1.0	2.3	2.0	6.0
80	4.1	1.3	1.3	TRACE	.0	.0	.0	.0	.5	1.0	2.5	1.4	4.1
81	.8	8.1	1.8	1.1	.0	.0	.0	.0	TRACE	.7	2.9	5.4	8.1
82	2.3	5.0	3.2	2.1	.7	.0	.0	.0	.3	3.4	4.8	1.4	5.0
83	1.4	1.1	1.3	1.5	.1	.0	.0	.0	2.5	2.3	1.0	2.6	2.6
84	2.6	3.7	.7	2.5	1.1	.0	.0	TRACE	.0	4.2	4.9	10.9	10.9
85	2.3	2.1	3.7	1.6	.7	.0	.0	.0	.5	2.6	5.7	1.1	5.7
86	1.4	.7	1.9	2.7	TRACE	.0	.0	.0	.6	6.6	3.2	2.5	6.6
87	3.2	.5	TRACE	.8	.0	.0	.0						
MEAN	3.57	2.89	2.38	1.85	.50	TRACE	.00	TRACE	.92	3.15	3.30	3.39	6.55
S.D.	2.522	2.781	1.828	1.690	.832	.000	.000	.000	1.390	2.112	1.953	2.718	2.796
TOTAL OBS	1271	1158	1271	1230	1271	1230	1271	1240	1200	1271	1230	1271	14914

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 46-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
46										3.4	8.0	10.3	
47	20.2	TRACE	2.2	1.3	.1	.0	.0	.0	.1	7.3	9.5	.6	41.3
48	13.0	6.5	15.4	37.9	.3	.0	.0	TRACE	1.9	7.6	7.2	24.5	114.3
49	11.2	16.7	3.2	1.8	2.5	.0	.0	.0	.0	7.0	1.3	5.3	49.0
50	20.8	1.5	7.9	.8	TRACE	.0	.0	.0	TRACE	5.8	14.8	4.5	56.1
51	2.9	7.3	4.7	TRACE	.1	.0	.0	.0	.1	2.9	10.5	9.4	37.9
52	13.9	1.5	8.2	1.8	1.7	.0	.0	.0	4.0	7.2	1.1	.1	39.5
53	1.1	1.5	.8	1.5	TRACE	.0	.0	.0	.1	4.6	.6	5.7	15.9
54	22.1	2.0	8.3	.1	.0	.0	.0	.0	TRACE	3.0	5.3	13.7	54.5
55	7.6	16.3	10.7	3.6	TRACE	.0	.0	TRACE	TRACE	13.2	8.2	32.1	91.7
56	14.0	23.6	.7	5.0	.0	.0	.0	.0	1.3	21.8	18.9	6.6	93.9
57	35.1	22.4	5.1	1.9	.1	.0	.0	.0	11.4	14.8	4.2	6.0	101.0
58	8.9	3.2	5.2	2.0	.7	.0	.0	.0	3.7	13.0	9.6	6.5	52.8
59	4.0	18.3	5.3	2.0	.0	.0	.0	.0	.8	5.5	14.6	13.4	63.9
60	15.2	8.0	7.1	4.0	TRACE	.0	.0	.0	5.9	4.8	7.0	2.7	54.7
61	1.3	4.7	2.1	14.7	.2	.0	.0	.0	2.6	27.8	9.3	7.9	70.6
62	14.9	21.2	15.8	8.3	.6	.0	.0	TRACE	6.0	3.4	2.4	10.5	83.1
63	16.8	5.9	26.5	9.4	.7	TRACE	.0	.0	.0	19.7	8.4	7.4	94.8
64	2.4	10.1	7.3	10.1	6.0	.0	.0	.0	TRACE	4.8	18.4	15.9	75.0
65	2.7	10.9	1.3	5.5	3.3	.0	.0	.0	2.1	17.7	23.6	31.1	98.2
66	1.4	34.2	5.7	2.4	1.6	.0	.0	.0	.0	9.7	42.0	6.1	103.1
67	15.9	6.1	30.9	10.1	TRACE	.0	.0	.0	TRACE	6.2	9.9	17.9	97.0
68	21.1	7.2	.2	6.1	2.4	.0	.0	.0	1.5	12.5	9.5	21.0	81.5
69	8.9	2.3	12.9	.2	.3	.0	.0	TRACE	.0	.9	12.7	.3	38.5
70	4.3	5.3	1.5	9.8	TRACE	.0	.0	.0	12.9	17.0	46.8	26.0	125.6
71	12.5	13.7	5.1	2.3	4.9	.0	.0	.0	TRACE	39.6	11.1	23.7	112.9
72	7.9	3.9	7.5	4.0	TRACE	.0	.0	.0	8.3	10.2	11.0	11.9	64.7
73	9.4	.4	5.4	.7	TRACE	.0	.0	.0	1.4	11.8	18.1	4.8	51.0
74	3.1	8.9	9.8	.8	TRACE	TRACE	.0	.0	.4	21.5	23.1	21.5	89.1
75	13.0	.6	8.5	9.4	TRACE	.0	.0	.0	TRACE	14.7	10.4	1.2	57.8

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 46-87

TOTAL MONTHLY SNOWFALL IN INCHES													
	-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	3.0	.4	8.2	.2	TRACE	.0	.0	.0	.0	17.5	6.7	1.5	37.5
77	14.3	10.9	6.3	9.7	TRACE	.0	.0	.0	.9	18.5	5.1	10.1	75.8
78	7.4	4.1	2.9	1.5	.0	.0	.0	.0	.2	11.4	19.4	19.1	66.0
79	11.9	2.7	9.5	5.2	.0	.0	.0	.0	TRACE	5.0	7.8	6.0	50.1
80	12.4	2.2	2.2	TRACE	.0	.0	.0	.0	.8	2.6	12.4	3.2	35.8
81	1.9	14.2	1.8	1.3	.0	.0	.0	.0	TRACE	3.2	12.2	12.5	47.1
82	4.3	10.5	9.9	7.1	.7	.0	.0	.0	.3	20.9	24.4	3.1	81.2
83	5.0	3.5	4.9	1.5	.1	.0	.0	.0	2.5	10.4	2.2	10.7	40.8
84	13.7	9.0	1.2	6.1	1.1	.0	.0	TRACE	.0	11.5	11.1	52.4	106.1
85	6.5	9.2	10.6	5.9	.7	.0	.0	.0	.6	5.6	15.6	1.4	56.1
86	3.5	2.6	5.6	2.7	TRACE	.0	.0	.0	.8	10.9	11.7	3.0	40.8
87	13.7	.8	TRACE	1.9	.0	.0	.0						
MEAN	10.30	8.15	7.03	4.89	.69	TRACE	.00	TRACE	1.77	11.14	12.34	11.65	68.67
S.D.	7.273	7.648	6.362	6.422	1.350	.000	.000	.000	3.086	7.937	9.495	10.605	26.776
TOTAL OBS	1271	1158	1271	1230	1271	1230	1271	1240	1200	1271	1230	1271	14914

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

MONTH	AMOUNTS IN INCHES													OVER 120	2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4	7	13	25	37	49	61	TOTAL				MEAN	GREATEST	LEAST
						TO 6	TO 12	TO 24	TO 36	TO 48	TO 60	TO 120							
JAN		1.1	1.2	.2	2.8	10.1	27.0	43.0	12.6	2.0					98.9	1302			
FEB		.8	.4	2.4	.7	8.3	21.1	38.0	24.5	3.5	.3				99.2	1186			
MAR	.5	1.1	.6	3.3	2.5	6.0	23.7	38.1	20.3	3.9					98.5	1302			
APR	20.5	12.6	5.3	3.6	3.1	8.0	18.7	21.7	5.6	.9					66.9	1260			
MAY	91.9	4.8	.7	.6	.5	.8	.2	.4							3.3	1302			
JUN	100.0															1237			
JUL	100.0															1271			
AUG	99.9	.1														1240			
SEP	95.7	2.2	.7	.7	.2	.4									2.1	1200			
OCT	33.7	10.2	10.9	8.5	9.8	20.5	6.3	.1							56.1	1271			
NOV	1.2	4.7	5.2	7.8	10.5	24.1	34.6	12.2	.5						94.8	1250			
DEC		.2	2.5	1.3	3.5	18.1	40.9	28.4	4.7	.4					99.8	1302			
ANN	45.3	3.1	2.3	2.4	2.8	8.0	14.4	15.2	5.7	.9	.0				51.6	15123			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-97

DAILY SNOW DEPTH IN INCHES													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44													
45	6	8	12	11	5	0					5	6	
46													
47	41	39	35	7	0	0	0	0	0	4	10	19	41
48	20	26	39	45	16	0	0	0	TRACE	5	6	20	45
49	20	32	24	17	3	0	0	TRACE	0	6	2	8	32
50	29	30	35	24	TRACE	0	0	0	0	8	20	29	35
51	33	39	41	39	TRACE	0	0	0	TRACE	3	13	24	41
52	38	31	30	18	10	0	0	0	2	6	6	3	38
53	4	5	5	7	0	0	0	0	0	5	6	10	10
54	19	16	16	9	0	0	0	0	0	1	2	12	19
55	13	25	26	10	1	0	0	0	0	6	9	25	26
56	25	37	36	26	0	0	0	0	TRACE	10	18	15	37
57	37	37	23	20	TRACE	0	0	0	4	5	5	9	37
58	13	13	13	10	0	0	0	0	TRACE	8	11	16	16
59	18	26	21	20	0	0	0	0	TRACE	3	8	12	26
60	19	18	21	16	TRACE	0	0	0	3	3	8	8	21
61	8	3	4	7	0	0	0	0	TRACE	12	14	17	17
62	24	35	48	26	5	0	0	0	1	2	2	7	48
63	16	18	29	26	TRACE	0	0	0	0	6	9	10	29
64	10	17	18	16	1	0	0	0	0	3	12	19	19
65	16	24	20	1	2	0	0	0	0	10	20	33	33
66	33	54	33	16	3	0	0	0	0	5	25	20	54
67	28	25	32	28	0	0	0	0	0	4	6	10	32
68	27	20	14	7	1	0	0	0	0	6	10	22	27
69	21	21	25	19	0	0	0	0	0	1	9	5	25
70	8	9	8	4	0	0	0	0	4	6	34	39	39
71	36	34	38	19	2	0	0	0	0	8	14	22	38
72	23	24	23	23	7	0	0	0	5	6	10	14	24
73	17	16	15	6	0	0	0	0	TRACE	6	14	13	17

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
74	14	19	21	15	0	0	0	0	TRACE	13	17	25	25
75	30	20	26	26	6	0	0	0	0	5	9	9	30
76	9	7	12	17	0	0	0	0	0	12	6	1	12
77	7	16	13	17	0	0	0	0	TRACE	9	8	15	17
78	20	20	17	15	0	0	0	0	0	8	16	22	22
79	25	30	26	24	0	0	0	0	0	4	4	8	30
80	14	10	4	TRACE	0	0	0	0	TRACE	1	9	9	14
81	9	10	5	1	0	0	0	0	TRACE	2	7	12	12
82	13	13	16	12	TRACE	0	0	0	0	10	19	19	19
83	12	13	14	12	0	0	0	0	2	4	4	9	14
84	11	15	11	3	TRACE	0	0	0	0	5	8	33	33
85	31	27	31	29	4	0	0	0	1	4	15	10	31
86	6	6	10	10	0	0	0	0	1	6	7	9	10
87	12	10	9	1	0	0	0						
MEAN	19.4	21.6	21.4	15.3	1.6	.0	.0	TRACE	.6	5.8	10.9	15.2	27.4
S.D.	9.934	11.249	11.147	10.284	3.247	.000	.000	.000	1.279	3.006	6.509	8.556	11.035
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1240	1200	1271	1250	1302	15123

NOTE * (BASED ON LESS THAN FULL MONTHS)

PPPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

CCCCC
CCCCC
CC CC
CC
CC
CC
CC
CC
CC CC
CCCCC
CCCCC

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 50-77

DAILY PEAK GUSTS IN KNOTS													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	W 55	WSW 40	E 35	ESE 24	SE 27	SSE 30	N 27	NW 25	WSW 30	SE 17	W 45	W 35	W 55
51	S 9	W 42	E 24	ESE 36	NNE 30	E 30	WSW 35	NW 27	SSE 37	ESE 36	SE 36	WNW 64	WNW 64
52	WNW 24	SSE 30	SSE 31	WSW 20	W 31	ESE 32	ESE 28	WSW 26	WSW 29	SE 46	SE 37	SE 20	SE 46
53	S 12	SE 37	W 31	NE 31	NE 29	SW 32	S 30	SW 41	W 23	W 27			
54	W 30	SW 30	ENE 39	NNE 30	ENE 30	W 31	SE 32				WSW 21	SW 17	
55	ESE 25	W 30	WSW 19	W 19	WNW 21	WSW 29	NNE 22	SW 19	W 12	SE 12	NE 8	NE 18	W 30
56	ENE 15	W 8	SE 10		S 21	SSE 25	WSW 20	W 32	WSW 25	NNE 20	SSE 25	NW 7	
57	W 15	WNW 37	SE 25	S 24	ENE 21	NNE 20	W 24	SSE 20	SE 24	SE 19	SSE 21	W 9	WNW 37
58	SW 19	NE 18	W 24	W 21	WSW 23	WSW 24	W 26	SSE 23	W 26	W 60	SE 18	ENE 16	W 60
59	ENE 14	W 20	WSW 13	S 20	SW 21	WSW 22	W 26	W 20	SE 28	SE 25	SE 19	SE 13	S 28
60	SE 16	NE 12	NNE 24	SE 22	W 23	W 26	W 24	NE 22	ESE 21	W 29	SSE 16	SE 31	SE 31
61	SSE 42	NE 22	SE 23	W 27	ESE 30	SW 27	S 31	SE 33	WSW 32	WSW 23	SSE 36	N 17	SSE 42
62	W 36	W 24	SE 24	W 26	WNW 24	SSW 24	SE 27	W 33	SE 29	SSE 28	ESE 23	SW 19	W 36
63	NE 14	ENE 20	W 42	ESE 21	NNE 32	W 29	WSW 25	WSW 26	NNE 25	SE 26	W 21	SE 26	W 42
64	W 11	SE 30	SE 22	W 23	ESE 26	W 22	NE 30	WSW 25	W 24	SE 28	SE 26	WSW 23	SE 30
65	SSE 31	WNW 17	SE 27	WSW 36	W 33	ESE 33	W 27	WSW 27	SE 26	W 26	WSW 27	WSW 39	WSW 39
66	ESE 25	W 30	SW 26	W 32	WNW 20	NE 28	W 40	NE 34	ESE 34	SE 22	W 25	SSE 12	W 40
67	ESE 20	SW 17	W 41	WSW 29	W 25	E 34	SW 26	SSW 20	E 31	SSE 29	WNW 26	SSE 34	W 41
68	WSW 23	SE 39	W 20	W 22	SSE 32	ESE 31	11/ 26	13/ 27	9/ 30	11/ 22	36/ 10	10/ 32	SE 39
69	3/ 8	13/ 33	12/ 26	13/ 24	5/ 28	13/ 25	28/ 29	28/ 40	11/ 30	13/ 34	13/ 22	1/ 30	28/ 40
70	27/ 21	25/ 25	29/ 30	12/ 27	4/ 29	29/ 30	26/ 23	26/ 31	24/ 22	24/ 20	29/ 42	27/ 48	27/ 48
71	13/ 19	24/ 23	14/ 32	14/ 26	13/ 28	18/ 40	16/ 31	23/ 24	25/ 28	24/ 26	11/ 21	12/ 27	18/ 40
72	26/ 27	4/ 19	26/ 24	25/ 24	3/ 31	14/ 24	15/ 31	14/ 23	28/ 36	24/ 26	15/ 18	4/ 36	28/ 36
73	29/ 28	14/ 33	25/ 24	13/ 25	18/ 25	16/ 30	34/ 27	23/ 26	12/ 20	27/ 18	27/ 23	10/ 25	14/ 33
74	24/ 13	23/ 14	27/ 25	5/ 23	7/ 31	30/ 31	32/ 33	36/ 30	5/ 28	36/ 23	23/ 26	26/ 16	32/ 33
75	27/ 20	13/ 26	13/ 22	19/ 24	30/ 26	21/ 25	27/ 26	27/ 26	22/ 35	26/ 27	27/ 25	16/ 29	22/ 35
76	29/ 28	21/ 20	27/ 33	15/ 31	15/ 29	6/ 26	36/ 32	20/ 21	15/ 32	13/ 29	12/ 36	22/ 25	12/ 36
77	15/ 25	12/ 26	29/ 24	25/ 22	15/ 33	34/ 24	9/ 26	8/ 24	4/ 24	8/ 21	36/ 10	27/ 12	15/ 33
78	28/ 15	26/ 26	9/ 26	18/ 25	17/ 35	27/ 28	14/ 21	27/ 32	5/ 24	14/ 31	27/ 21	27/ 24	17/ 35
79	28/ 27	4/ 18	6/ 26	27/ 19	4/ 30	28/ 28	27/ 31				13/ 27	26/ 33	

NOTES * (BASED ON LESS THAN FULL MONTHS)

% (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 50-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEPT	OCT	NOV	DEC	
						JUN	JUL						
80	14/ 45	15/ 34	13/ 28	15/ 33	13/ 25	15/ 24	28/ 25	30/ 23	27/ 21	15/ 30	27/ 18	12/ 26	14/ 45
81	13/ 30	14/ 28	14/ 40	28/ 29	25/ 20	23/ 27	28/ 25	26/ 19	4/ 17	12/ 14	9/ 16	13/ 26	14/ 40
82	9/ 33	27/ 25	23/ 24	27/ 32	3/ 25	23/ 28	13/ 31	28/ 19	27/ 29	26/ 19	25/ 19	16/ 27	9/ 33
83	10/ 30	3/ 14	5/ 21	17/ 22	30/ 34	13/ 32	21/ 23	32/ 24	11/ 23	27/ 22	14/ 30	7/ 8	30/ 34
84	13/ 30	5/ 15	26/ 12	28/ 28	17/ 26	2/ 25	28/ 28	25/ 23	2/ 16	4/ 16	14/ 34	25/ 24	14/ 34
85	13/ 32	27/ 24	27/ 33	14/ 28	28/ 27	2/ 29	28/ 27	3/ 26	13/ 27	27/ 15	14/ 23	13/ 31	27/ 33
86	3/ 17	16/ 25	3/ 20	5/ 21	4/ 23	9/ 28	7/ 31	25/ 23	24/ 26	13/ 27	27/ 10	14/ 20	7/ 31
87	12/ 22	12/ 28	13/ 26	12/ 21	1/ 24	14/ 30	6/ 27						
MEAN	24.1	25.3	25.9	26.1	27.1	28.4	27.4	26.3	26.7	25.6	24.4	24.9	40.1
S.D.	10.167	8.788	6.165	4.522	3.870	3.751	4.060	5.472	5.721	9.367	8.958	11.588	8.613
TOTAL OBS	1133	1050	1140	1105	1139	1111	1154	1081	1032	1044	1044	1106	13139

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	.9	.1									2.5	3.2
NNE	1.1	.9	.9	.2								3.0	5.6
NE	.3	.4										.8	3.7
ENE	.3	.3										.6	2.8
E	.2	.3	.2	.1								.9	6.1
ESE	.9	.1	.2	.3								1.5	5.4
SE	1.4	.3	.8	1.0	.5							4.0	8.6
SSE	3.4	.6	.1	.1	.2		.1					4.6	4.3
S	3.8	.5										4.3	2.2
SSW	.9	.1										1.0	2.0
SW	.5	.1										.6	2.5
WSW	.4											.4	2.3
W	.4	.4	.3									1.2	4.8
WNW	.5	.2										.8	2.7
NW	.8	.5										1.3	2.9
NNW	2.7	1.4										4.1	2.9
VARIABLE													
CALM	////////////////////											68.5	////
TOTALS	19.1	7.2	2.6	1.7	.8		.1					100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	.9	.9								3.7	4.1
NNE	.5	1.3	1.0	.1							2.9	5.9
NE	.2										.2	3.0
ENE	.2										.2	2.0
E	.3	.2	.1	.1							.8	6.0
ESE	.5	.6	.2	.4	.1						1.9	7.3
SE	1.1	.5	.6	.9	.2						3.3	7.7
SSE	2.5	.4	.2	.4	.3						3.9	5.1
S	3.2	1.2		.1							4.5	3.1
SSW	.5	.1									.6	2.5
SW	.4	.2	.3								1.0	4.4
WSW	.3		.1								.4	4.8
W	.6	.4	.2	.3	.1						1.7	6.7
WNW	.4	.1									.5	2.4
NW	1.0	.5									1.5	2.9
NNW	1.6	.4	.1								2.2	2.8
VARIABLE												
CALM	////////////////////										70.6	////
TOTALS	15.5	7.0	3.8	2.4	.8						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.1	.5	.1							3.1	4.4
NNE	1.5	1.0	.6	.1							3.2	4.6
NE	.3	.2									.5	3.2
ENE	.3	.1									.4	2.5
E	.4		.4	.1							1.0	6.4
ESE	.5	.5	.2	.3							1.6	6.2
SE	1.5	.5	.6	.2	.1						3.0	5.1
SSE	1.7	.6	.8	.2	.4						3.8	6.2
S	2.2	.6	.2	.1							3.1	3.2
SSW	.9	.1	.2								1.2	3.5
SW	.6	.1									.8	2.4
WSW	.6	.1									.8	2.9
W	.9	.5		.1							1.5	3.9
WNW	.3	.1	.1								.5	3.8
NW	.6	.5									1.2	3.3
NNW	1.8	1.0	.1								2.9	3.0
VARIABLE												
CALM	////////////////////										71.4	////
TOTALS	15.7	7.2	3.9	1.3	.5						100.0	1.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.3	.1								2.8	4.0
NNE	1.2	.8	.4	.4							2.8	5.1
NE	.3	.5									.9	4.6
ENE		.5									.5	4.0
E	.3	.1	.1	.2							.8	6.7
ESE	.3	.2	.4	.3							1.3	8.1
SE	.9	.3	.2	.9	.2						2.5	8.0
SSE	1.9	.4	.2	.1	.1						2.8	3.7
S	2.8	1.1									3.9	2.9
SSW	1.2	.5									1.7	2.7
SW	.3	.1	.1								.5	3.6
WSW	.4	.2	.4								1.1	5.0
W	.6		.6								1.3	4.9
WNW	.3	.1	.1								.5	3.6
NW	1.2										1.2	2.1
NNW	2.0	.5									2.6	2.6
VARIABLE												
CALM	////////////////////////////////////										72.9	////
TOTALS	15.3	6.8	2.6	1.9	.3						100.0	1.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.5	.3									4.1	3.4
NNE	1.0	1.5	.9									3.3	4.9
NE	.1	.1	.4	.2								.9	8.8
ENE	.2											.2	1.0
E	.5	.1	.4	.2								1.3	6.2
ESE	.5	.1	.4	.2								1.3	6.3
SE	.4	.3	1.1	.9		.1						2.8	9.4
SSE	1.6	.3	.3	.2	.1							2.6	4.5
S	2.5	.8										3.2	2.8
SSW	.5	.3										.9	2.6
SW	.4	.3										.8	3.4
WSW	.6	.2										.9	2.6
W	.3	.3	.3	.1								1.1	5.3
WNW	.6	.1	.1									.9	3.3
NW	1.0	.2										1.2	2.5
NNW	2.8	1.2										4.0	2.8
VARIABLE													
CALM	////////////////////											70.8	////
TOTALS	15.5	7.4	4.3	1.8	.1	.1						100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	1.0	.3								3.2	3.6
NNE	.5	1.1	.8	.2							2.6	6.1
NE	.2	.2	.2	.1							.9	5.9
ENE	.4		.1								.5	3.2
E	.2	.2	.2	.1	.2						1.0	9.6
ESE	1.0	.8	.2	.1							2.0	4.5
SE	1.4	.6	.5	.4	.4						3.4	7.1
SSE	2.0	.5	.4	.8		.1					3.9	5.4
S	3.3	.4	.1								3.9	2.5
SSW	.8	.2									1.0	2.8
SW	.5	.2									.8	2.7
WSW	.9	.4									1.3	2.8
W	.8	.2	.4								1.4	4.3
WNW	.6		.1								.8	2.4
NW	.5	.2									.8	3.0
NNW	2.4	1.0	.1								3.4	2.6
VARIABLE												
CALM	////////////////////////////////////										69.4	////
TOTALS	17.5	7.1	3.5	1.7	.6	.1					100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: ELLSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	2.2	.3	.1							4.5	4.1
NNE	.5	.3	.8	.2							1.8	6.0
NE	.4	.2	.1								.9	3.4
ENE	.1	.2	.1								.4	5.3
E	.3	.3				.3					1.0	8.3
ESE	.9	.8	1.1	.1							2.8	5.6
SE	1.0	.4	1.0		.2	.1	.1				2.8	8.0
SSE	1.6	.6	.4	.1	.3						3.1	5.4
S	2.4	.2	.1								2.7	2.4
SSW	.2	.1									.3	2.7
SW	.4	.2									.6	2.8
WSW	1.1	.2	.3								1.6	3.3
W	.8	.2	.1								1.1	3.3
WNW	.5		.2								.8	4.0
NW	1.4										1.4	1.9
NNW	1.9	1.3									3.2	3.0
VARIABLE												
CALM	////////////////////										71.1	////
TOTALS	15.5	7.3	4.5	.5	.9	.1	.1				100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	.5	.3								3.2	3.2
NNE	.8	.9	.9	.1							2.6	5.7
NE			.3								.3	8.0
ENE	.2	.1									.3	2.3
E	.4	.5	.5	.2	.1						1.8	6.8
ESE	.1	.5	.6	.2	.1						1.6	8.1
SE	2.6	.2	.9	.3	.2	.1					4.3	5.9
SSE	2.7	.5	.1		.3						3.7	4.1
S	1.2	.5			.1						1.8	3.8
SSW	.9	.3									1.2	2.5
SW	1.1	.1									1.2	2.3
WSW	1.2	.4	.1								1.7	3.1
W	.8	.2	.1								1.1	3.1
WNW	.2	.1	.3								.6	5.3
NW	.5	.3	.1								1.0	3.6
NNW	3.0	1.0	.2								4.2	3.1
VARIABLE												
CALM	////////////////////										69.4	////
TOTALS	18.0	6.3	4.5	.9	.9	.1					100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.2	.4	.0							3.4	3.8
NNE	.9	1.0	.8	.2							2.8	5.4
NE	.2	.2	.1	.0							.6	5.2
ENE	.2	.2	.0								.4	3.1
E	.3	.2	.3	.1	.1						1.0	7.0
ESE	.6	.5	.4	.3	.0						1.8	6.3
SE	1.3	.4	.7	.6	.2	.0	.0				3.3	7.4
SSE	2.2	.5	.3	.2	.2	.0	.0				3.5	4.9
S	2.7	.7	.1	.0	.0						3.4	2.8
SSW	.7	.2	.0								1.0	2.7
SW	.6	.2	.1								.8	3.0
WSW	.7	.2	.1								1.0	3.3
W	.6	.3	.3	.1	.0						1.3	4.6
WNW	.5	.1	.1								.7	3.4
NW	.9	.3	.0								1.2	2.7
NNW	2.3	1.0	.1								3.3	2.9
VARIABLE												
CALM	////////////////////										70.5	////
TOTALS	16.5	7.0	3.7	1.5	.6	.1	.0				100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	1.7	.8									3.7	4.6
NNE	.8	1.7	.8	.1								3.4	5.4
NE	.2	.1	.1	.1								.6	6.4
ENE		.5	.2									.7	6.5
E	.5	.2										.7	2.7
ESE	.2	.1		.2								.6	7.4
SE	2.2	.6	.2	.7	.1							3.9	5.2
SSE	2.8	.7	.5	.2	.2							4.5	4.5
S	3.5	.5										4.0	2.5
SSW	1.1	.2										1.3	2.5
SW	1.1	.2	.1									1.4	3.0
WSW	1.1	.5	.2									1.8	3.7
W	1.9	.5	.6	.1								3.1	4.2
WNW	.6	.1	.2	.2								1.2	5.6
NW	.4	.2										.6	3.0
NNW	1.2	.9	.2									2.4	3.5
VARIABLE													
CALM	////////////////////											66.2	////
TOTALS	18.8	8.7	4.1	1.8	.4							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	1.3	.6	.1									2.0	3.4
NNE	.8	1.7	.8									3.3	5.1
NE	.2	.1	.6									.9	5.8
ENE		.1	.1									.2	6.0
E	.4	.1										.5	2.0
ESE	.6	.2	.6	.4								1.8	6.9
SE	1.2	.5	.4	.1								2.1	3.9
SSE	3.8	1.1	.5	.2	.1							5.7	3.7
S	4.7	.5	.1	.1								5.4	2.5
SSW	.8	.1										.9	2.1
SW	1.2	.8	.1									2.1	3.1
WSW	1.2	.9										2.1	3.6
W	.6	.1	.7									1.4	5.8
WNW	.4	.4	.1									.9	4.7
NW	.8	.2										1.1	2.8
NNW	1.3	.7										2.0	2.9
VARIABLE													
CALM	////////////////////////////////////											67.5	////
TOTALS	19.3	8.2	4.1	.8	.1							100.0	1.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(EST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	1.2	.4									3.3	3.5
NNE	.9	.6	.5									2.0	4.3
NE	.1	.5	.2									.8	5.0
ENE		.2	.2									.5	6.8
E	.6	.1	.2									.9	3.4
ESE	.4	.2	.8	.2								1.7	7.8
SE	2.2	.5	.5	.5								3.7	4.7
SSE	3.4	.7	.4	.1								4.6	3.3
S	3.1	.2										3.3	1.8
SSW	.9	.2										1.2	2.6
SW	.9	.7										1.7	3.1
WSW	.9	.4	.5									1.8	4.3
W	1.3	1.1	.8	.2								3.4	5.3
WNW	.5	.2	.4									1.1	5.2
NW	.9											.9	1.6
NNW	1.4	.7										2.1	3.1
VARIABLE													
CALM	////////////////////											67.0	////
TOTALS	19.5	7.6	4.8	1.1								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.5	.2									3.7	3.8
NNE	.6	.6	.8									2.0	5.4
NE		.1	.2									.4	6.7
NNE	.2	.1		.1								.5	5.8
E	.1	.1	.1									.4	4.7
ESE	.5	.6	1.1									2.1	5.9
SE	.7	.2	.9	.5	.1							2.5	8.0
ESE	2.8	.5		.5								3.8	3.8
S	3.2	1.2	.1									4.5	2.9
SSW	.9	.4										1.3	2.9
SW	.8	.6	.1									1.5	3.5
WSW	1.1	.6	.4									2.0	4.2
W	.9	.7	1.2	.2								3.1	6.1
WNW	.4	.4		.1								.8	4.6
NW	.7											.7	1.7
WNW	2.0	.6										2.6	2.8
VARIABLE													
CALM	////////////////////											68.2	////
TOTALS	16.9	8.2	5.2	1.4	.1							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOJAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	1.4	.5								5.1	3.3
NNE	1.1	1.5	1.8	.2							4.6	5.7
NE	.6	.2	.4								1.2	4.4
ENE			.1								.1	7.0
E	.5	.1	.1								.7	3.2
ESE	.4	.7	.5	.4							1.9	6.6
SF	.8	.5	.7	1.2	.4						3.5	9.1
SSE	.8	.5	.2	.5	.2	.1					2.4	8.3
S	2.7	.2	.1		.1						3.2	2.7
SSW	2.1	.8	.1								3.1	3.0
SW	.9	.5									1.4	3.1
WSW	1.2	1.1	.7	.1							3.1	4.8
W	1.3	.6	.7	.4	.1						3.1	5.8
WNW	.5	.4	.1								.9	3.4
NW	1.1	.5									1.5	2.7
NNW	3.2	1.8									5.0	2.7
VARIABLE												
CALM	////////////////////////////////////										59.2	////
TOTALS	20.3	10.8	6.0	2.7	.8	.1					100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	1.8									4.4	3.3
NNE	1.8	1.5	1.5	.6							5.4	5.8
NE	.4	.6	.2								1.2	4.9
ENE	.2	.4	.4								.9	4.8
E	.4	.4	.1								.8	4.3
ESE	.4	.2	.4	.1							1.1	5.9
SE	.7	.4	1.1	.5	.1						2.7	7.8
SSE	1.2	.1	.5	.8		.1					2.7	7.9
S	1.9	.8	.5	.1							3.3	3.6
SSW	2.0	.1									2.1	2.2
SW	1.4	.5	.4								2.2	3.9
WSW	1.9	.5									2.4	2.4
W	2.7	.5	.8	.2							4.3	4.2
WNW	.5	.6	.2								1.3	4.3
NW	.9	.1									1.1	2.3
NNW	3.2	1.5	.1								4.8	3.0
VARIABLE												
CALM	////////////////////////////////////										59.2	////
TOTALS	22.1	9.9	6.1	2.4	.1	.1					100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	1.2	.8								4.3	4.0
NNE	.8	1.8	1.9	.2							4.7	6.4
NE	.4	.8									1.2	3.8
ENE	.4		.5								.8	5.9
E	.4										.4	2.3
ESE	.7	.4	.1		.2						1.4	5.8
SE	1.3	.2	.9	.4							2.8	5.8
SSE	1.7	.6	.6	.2	.1						3.2	5.1
S	.9	.9	.4								2.2	4.2
SSW	.6	.4	.1								1.1	3.4
SW	.7	.2		.1							1.1	3.6
WSW	.5	.5	.2								1.2	4.4
W	1.3	1.1	1.1								3.4	4.8
WNW	.7	.2	.1								1.1	3.3
NW	.7	.4									1.1	2.8
NNW	2.1	.7									2.8	2.6
VARIABLE												
CALM	////////////////////////////////////										67.3	////
TOTALS	15.4	9.3	6.7	.9	.4						100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.5	.8								3.4	4.8
NNE	.7	2.2	.7								3.7	5.2
NE		.6	.6								1.2	6.8
ENE	.2	.5									.7	4.0
E	.5	.7	.2								1.4	4.7
ESE	.7	.4	.2								1.3	3.9
SE	2.5	.1	.1	.5	.2						3.4	5.3
SSE	3.0	.8	.5	.2		.1					4.6	4.3
S	3.1	1.3									4.4	2.8
SSW	1.1	.5									1.5	2.8
SW	.6	.1									.7	2.3
WSW	1.5	.7	.1								2.4	3.4
W	.6	.9	.5	.4							2.4	5.9
WNW	.2		.2								.5	6.0
NW	1.1	.1									1.2	2.5
NNW	1.9	.8	.2								3.0	3.0
VARIABLE												
CALM	////////////////////										64.3	////
TOTALS	18.7	11.3	4.3	1.1	.2	.1					100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	1.4	.5								3.7	3.8
NNE	.9	1.4	1.1	.1							3.6	5.6
NE	.2	.4	.3	.0							.9	5.3
NNE	.1	.2	.2	.0							.6	5.6
E	.4	.2	.1								.7	3.6
ESE	.5	.4	.5	.2	.0						1.5	6.3
SE	1.5	.4	.6	.5	.1						3.1	6.2
ESE	2.4	.6	.4	.4	.1	.0					3.9	4.7
S	2.9	.7	.1	.0	.0						3.8	2.8
SSW	1.2	.3	.0								1.6	2.7
SW	1.0	.5	.1	.0							1.5	3.3
WSW	1.2	.6	.3	.0							2.1	3.8
W	1.3	.7	.8	.2	.0						3.0	5.1
WNW	.5	.3	.2	.0							1.0	4.6
NW	.8	.2									1.0	2.4
NNW	2.0	1.0	.1								3.1	2.9
VARIABLE												
CALM	////////////////////										64.9	////
TOTALS	18.9	9.2	5.2	1.5	.3	.0					100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	2.9	1.5								7.3	4.4
NNE	.8	3.0	2.6	.1							6.5	6.1
NE	.4	.5	.6								1.6	5.6
ENE	.4	.4									.9	3.3
E	.5	.3	.4								1.3	4.9
ESE	.9	.9	.3	.1							2.2	4.7
SE	2.6	.8	.3	.5							4.2	4.5
SSE	4.3	.5	.3	.3							5.5	3.3
S	3.7	1.9									5.6	2.8
SSW	1.0	.1									1.1	2.6
SW	1.1	.9									1.9	3.2
WSW	1.4	.6									2.0	2.7
W	1.1	.6	.5								2.3	4.2
WNW	.3	.3	.2	.1							1.0	5.6
NW	.8	.5									1.3	3.6
NNW	2.9	2.0	.2								5.2	3.3
VARIABLE												
CALM	////////////////////////////////////										57.3	////
TOTALS	24.9	16.5	7.1	1.2							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.6	1.6								5.1	4.7
NNE	.9	2.8	2.3								5.9	5.8
NE	.3	.4	.6	.1							1.5	6.5
NNE	.1	.1	.1								.3	5.3
E	.1	.4	.3	.1							1.0	6.4
ESE	.3	.3	.3	.3							1.3	6.8
SE	1.9	.9	.4	.6							3.9	5.3
SSE	4.0	1.0		.1							5.1	2.7
S	3.8	1.4									5.2	2.8
SSW	1.1	.9									1.9	2.8
SW	.8	1.3									2.0	3.7
WSW	1.3	1.0	.5								2.8	4.2
W	.3	.8	.6								1.7	5.8
WNW	.6	.2	.2								1.1	3.7
NW	1.1	.4									1.5	2.6
NNW	1.7	1.4	.4								3.5	3.8
VARIABLE												
CALM	////////////////////										56.2	////
TOTALS	20.1	14.8	7.5	1.3							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.6	.3								3.0	4.3
NNE	.6	2.4	1.2	.3							4.5	6.1
NE	.3	.3	.6								1.3	5.8
ENE	.3	.1	.1	.1							.6	5.2
E	1.1	.3	.2								1.6	3.4
ESE	.6	.4		.3	.3						1.7	7.9
SE	3.7	1.0	.3	.4							5.4	3.8
SSE	3.5	1.3	.3								5.2	3.1
S	3.1	1.3									4.4	2.8
SSW	1.4	.6									2.0	2.7
SW	.4	.3	.1								.9	3.6
WSW	.9	.3	.1								1.3	3.3
W	.6	1.0	.9								2.5	5.2
WNW	.5		.1								.6	3.2
NW	1.4	.2	.1								1.7	2.8
NNW	2.0	1.1									3.1	2.9
VARIABLE												
CALM	////////////////////										60.1	////
TOTALS	21.7	12.3	4.4	1.2	.3						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.7	2.8	.3									6.8	3.4
NNE	1.6	1.2	3.3	.4								6.6	6.4
NE	.3	.4	.8	.1								1.6	6.5
ENE	.4	.2		.1								.8	4.6
E	.8	.3	.1	.1								1.3	3.9
ESE	.6	.3	.5	.5								2.0	7.4
SE	1.5	.3	.8	.4								3.0	5.7
SSE	2.0	.4	.2									2.7	2.8
S	2.8	1.0										3.8	2.6
SSW	2.4	1.1										3.4	2.9
SW	1.1	.4	.1									1.6	3.0
WSW	1.5	.5	.5									2.6	4.0
W	1.1	1.0	.6									2.7	4.2
WNW	.4	.4	.5	.1								1.5	5.8
NW	.4	.2	.1									.8	3.4
NNW	1.9	1.3	.1									3.3	3.2
VARIABLE												55.6	////
CALM	////////////////////											55.6	////
TOTALS	22.6	11.9	8.1	1.8								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.3	3.5	1.3	.2								11.4	3.8
NNE	4.2	2.0	1.8	1.4								9.5	5.5
NE	.3	.3	1.2	1.5								3.3	9.5
ENE	.3	.2	.3	.1								1.0	6.6
E	.5	.5	.3	.3								1.7	6.3
ESE	.2	.9	.3	.4	.1							1.9	7.6
SE	.3	.9	.9	.8		.1						2.9	8.4
SSE	1.1	1.0	.8	.3								3.1	5.5
S	2.2	.9	.6	.1								3.8	4.0
SSW	1.4	1.2										2.6	3.3
SW	.5	1.5										2.0	4.2
WSW	1.6	1.9	.3									3.9	4.1
W	2.6	2.2	.6	.1								5.5	4.2
WNW	.9	.6	.5	.4								2.5	6.1
NW	1.4	.9	.2									2.4	3.9
NNW	2.6	4.2	.8									7.5	4.3
VARIABLE													
CALM	////////////////////											35.1	////
TOTALS	26.5	22.6	10.0	5.7	.1	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.8	3.9	2.6									11.3	4.4
NNE	3.0	2.2	2.4	2.0	.1							9.7	6.7
NE	.4	.9	1.3	2.4	.1							5.1	9.9
ENE	.1	.5	.1	.2								1.0	6.9
E	.3	1.3	.6	.3								2.6	6.3
ESE	.2	1.1	1.0	.4								2.7	7.2
SE	.5	1.3	1.8	.4								4.1	6.9
SSE	.2	1.1	1.3									2.6	6.5
S	2.2	1.5	.5									4.2	3.8
SSW	1.6	1.1	.1									2.8	3.6
SW	.9	.5	.1	.3								1.8	5.2
WSW	2.9	3.0	.9	.1								6.9	4.4
W	4.1	4.0	1.4	.3	.2							10.0	4.7
WNW	1.9	1.1	.4									3.4	3.6
NW	1.1	1.3	.1	.1	.1							2.7	4.3
NNW	2.8	3.7	1.3									7.7	4.5
VARIABLE													
CALM	////////////////////////////////////											21.5	////
TOTALS	27.1	28.3	15.9	6.7	.5							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.5	1.6								5.7	5.3
NNE	1.2	2.5	4.5	.5							8.7	6.9
NE	.3	.8	1.9	.8							3.8	8.4
ENE	.8	.4	.4	.2							1.8	5.9
E	.8	1.1	.4								2.3	4.1
ESE	.8	.6	.6	.1							2.2	5.4
SE	1.5	1.2	1.2	.4	.1	.2					4.6	6.9
SSE	1.8	1.9	.6								4.4	4.3
S	1.7	.9	.4								3.0	3.5
SSW	1.7	1.3	.1								3.1	3.4
SW	1.8	.5	.2	.1							2.7	3.4
WSW	1.9	2.0	.4								4.4	3.7
W	3.3	3.1	1.4	.1							8.0	4.2
WNW	.6	1.2	.1								1.9	4.3
NW	1.4	.3									1.7	2.4
NNW	1.8	1.4	.8								4.0	4.2
VARIABLE												
CALM	////////////////////										37.7	////
TOTALS	23.1	21.7	14.9	2.3	.1	.2					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.5	1.9								6.0	5.1
NNE	1.5	3.7	3.5	.3							9.0	6.4
NE	.5	.9	1.2	.3							2.9	6.6
ENE	.5	.3	.1	.1							1.1	4.2
E	.8	1.0	.1								1.8	4.0
ESE	1.2	1.1	.3								2.6	3.8
SE	2.5	1.3	.6	.6		.1					5.2	5.8
SSE	3.5	.8	.2	.1							4.6	3.0
S	3.4	1.3	.2								4.9	2.9
SSW	.5	.1									.6	2.3
SW	1.6	1.0	.1								2.7	3.2
WSW	.4	1.5	.2								2.2	4.4
W	.9	1.6	.2								2.7	4.2
WNW	.8	.2	.1								1.1	3.3
NW	1.6	.1									1.7	2.2
NNW	2.2	1.6	.3								4.1	3.4
VARIABLE												
CALM	////////////////////										46.8	////
TOTALS	23.5	18.8	9.2	1.5		.1					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	2.7	1.4	.0								7.1	4.4
NNE	1.7	2.5	2.7	.6	.0							7.5	6.3
NE	.4	.6	1.0	.6	.0							2.6	8.0
NNE	.4	.3	.1	.1								.9	5.3
E	.6	.7	.3	.1								1.7	4.9
ESE	.6	.7	.4	.3	.1							2.1	6.2
SE	1.8	.9	.8	.5	.0	.1						4.2	5.8
SSE	2.6	1.0	.5	.1								4.1	3.7
S	2.8	1.3	.2	.0								4.4	3.1
SSW	1.4	.8	.0									2.2	3.1
SW	1.0	.8	.1	.1								2.0	3.7
WSW	1.5	1.4	.4	.0								3.3	4.0
W	1.7	1.8	.8	.1	.0							4.4	4.5
WNW	.8	.5	.3	.1								1.6	4.5
NW	1.1	.5	.1	.0	.0							1.7	3.2
NNW	2.2	2.1	.5									4.8	3.8
VARIABLE													
CALM	////////////////////											45.4	////
TOTALS	23.7	18.4	9.6	2.7	.1	.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	3.6	1.7	.1								7.1	5.2
NNE	1.3	3.7	1.0	.1								6.1	4.9
NE	.7	.3	.7									1.7	5.2
ENE	.2	.4										.7	3.7
E	.3	.6										.9	3.4
ESE	1.6	.4		.2								2.2	3.4
SE	4.4	1.0	.1		.1							5.7	3.0
SSE	8.1	1.9										10.0	2.5
S	5.6	1.8										7.3	2.8
SSW	.8	.7										1.4	2.9
SW	1.3	.8	.2									2.3	3.4
WSW	1.9	1.9	.6									4.3	3.9
W	1.0	.9	.9	.1								2.9	5.4
WNW	.3	.2	.2									.8	4.3
NW	.3	.4										.8	3.3
NNW	1.8	1.2	.4									3.4	3.7
VARIABLE													
CALM	////////////////////											42.3	////
TOTALS	31.5	19.8	5.8	.6	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS ILST: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.0	1.1	.2							4.3	5.7
NNE	1.8	2.1	.2								4.1	3.8
NE	.9	.7	.1	.1							1.8	4.1
ENE	.7	.1									.8	2.6
E	.8	.2	.2								1.2	3.5
ESE	1.6	.2	.1								1.9	2.6
SE	4.3	1.0	.1	.2							5.7	2.9
SSE	7.0	1.3									8.3	2.5
S	6.1	1.1	.1								7.3	2.3
SSW	1.6	.9									2.4	2.6
SW	1.2	.3									1.6	2.6
WSW	1.9	1.6	.3								3.8	3.9
W	2.0	1.4	.7	.1							4.2	4.3
WNW	.1	.3	.1								.6	5.6
NW	1.0	.2									1.2	2.2
NNW	1.6	1.3	.6								3.4	4.1
VARIABLE												
CALM	////////////////////////////////////										47.3	////
TOTALS	33.4	14.9	3.7	.7							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	1.4	.8	.1								4.1	4.5
NNE	1.3	1.2	.7	.1								3.3	4.9
NE	.4	.3	.1									.9	3.5
ENE	.1	.4										.6	3.6
E	.1	.2										.3	3.3
ESE	1.3	.4	.1									1.9	2.9
SF	2.8	.3	.2	.1								3.4	2.9
SSE	6.0	1.6		.1	.1							7.8	2.9
S	4.9	1.4										6.3	2.6
SSW	2.2	.9	.1									3.2	2.9
SW	1.7	.4										2.1	2.6
WSW	1.8	1.7	.1									3.6	3.6
W	1.8	1.8	1.0	.3								4.9	5.2
WNW	.6	.4	.2									1.2	3.9
NW	.4	.2										.7	2.7
NNW	1.2	.8	.1									2.1	3.1
VARIABLE													
CALM	////////////////////											53.6	////
TOTALS	28.4	13.7	3.4	.8	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	6.3	2.1	.3								8.8	2.8
NNE	2.9	.9	1.0	.2							5.0	4.1
NE	.7	.6	.6	.4							2.2	6.3
ENE	.3	.3	.4	.1							1.2	6.2
E	.8	.4	.8								2.0	4.9
ESE	.7	1.0	1.3								3.0	5.9
SE	.6	1.3	.8	.4	.1						3.2	7.2
SSE	1.3	1.0	.3	.1							2.8	4.2
S	3.4	1.3									4.8	2.7
SSW	2.9	1.4	.3	.1							4.8	3.4
SW	1.7	1.4	.2								3.3	3.6
WSW	1.7	3.3	1.3	.2							6.2	5.2
W	1.6	2.8	1.4	.7	.1						6.6	6.2
WNW	.7	1.0	.3	.1							2.1	4.8
NW	1.3	.3									1.7	2.3
NNW	2.9	1.8	.4								5.1	3.4
VARIABLE												
CALM	////////////////////										37.2	////
TOTALS	29.3	21.1	9.7	2.4	.2						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.7	4.4	1.1									10.2	4.1
NNE	2.2	1.8	1.3	.1								5.4	5.0
NE	.8	.3	.3	.2								1.7	5.5
ENE	.2	.9	.3	.4								1.9	7.2
E	1.3	.7	1.6									3.6	5.5
ESE	1.2	.4	2.3	.4								4.4	6.2
SE	.4	1.3	2.0	.9								4.7	7.7
SSE	1.0	.8	1.4	.6								3.8	6.4
S	1.9	1.0	.9	.1								3.9	4.5
SSW	1.9	.6										2.4	2.9
SW	.9	2.6	.2									3.7	4.4
WSW	2.1	3.2	1.2									6.6	4.7
W	3.8	4.7	3.2	1.4	.1							13.2	6.0
WNW	1.1	2.7	1.7	.4								5.9	6.1
NW	1.9	1.4	.9									4.2	4.3
NNW	3.3	3.3	.8	.1								7.6	4.0
VARIABLE													
CALM	////////////////////											16.9	////
TOTALS	28.8	30.1	19.3	4.8	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	4.0	2.0	.4								9.3	5.0
NNE	1.8	1.1	1.7	1.7	.3							6.6	7.6
NE	.9	.7	.4	1.6								3.6	8.6
ENE	.7	.8	.7									2.1	5.2
E	.7	1.4	1.7									3.8	6.2
ESE	.3	1.2	1.1	.1								2.8	6.2
SE	.3	1.3	1.3	.6								3.6	7.3
SSE	1.0	1.4	1.0	.3								3.8	6.0
S	1.3	.8	1.1	.3								3.6	5.6
SSW	1.1	1.2	.3	.1								2.8	4.2
SW	.7	1.7	.8									3.1	4.9
WSW	1.2	3.7	1.4									6.3	5.1
W	3.6	7.0	6.0	1.3								17.9	6.2
WNW	1.9	4.0	1.6	.7								8.1	5.6
NW	1.2	3.0	1.3	.3								5.9	5.6
NNW	1.9	3.1	1.6	.1								6.7	5.1
VARIABLE													
CALM	////////////////////											10.2	////
TOTALS	21.4	36.4	24.0	7.6	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	4.8	2.9	.1							10.3	5.2
NNE	1.1	3.2	3.9	1.1	.1						9.5	7.2
NE	.4	1.2	1.8	1.1	.1						4.7	8.3
ENE	.2	.4	1.2	.1							2.0	7.3
E	.9	.9	.9								2.7	5.3
ESE	.8	1.3	.9								3.0	5.4
SE	.9	1.3	.8	.2							3.2	5.3
SSE	1.0	1.1	.1	.1							2.3	3.9
S	.9	1.2									2.1	3.6
SSW	.8	.4									1.2	2.8
SW	1.6	.8	.1	.1							2.6	3.7
WSW	2.4	2.7	1.6								6.7	4.6
W	3.9	6.2	4.1	.3							14.6	5.3
WNW	2.1	4.4	1.2	.1							7.9	4.8
NW	2.0	3.0	1.2	.1							6.3	4.8
NNW	1.7	3.1	1.0								5.8	4.6
VARIABLE												
CALM	////////////////////////////////////										15.1	////
TOTALS	23.2	36.3	21.7	3.4	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL 1	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	4.2	2.0								8.3	5.1
NNE	2.0	3.9	2.8	.1							8.8	5.4
NE	1.2	2.2	.8								4.2	4.7
ENE	1.0	1.4	.1								2.6	4.2
E	.6	1.0									1.6	3.7
ESE	2.1	.3	.1								2.6	2.7
SE	2.8	.7	.2	.1							3.8	3.2
SSE	4.9	.8									5.7	2.3
S	2.9	.4	.1								3.4	2.5
SSW	2.4	.6									3.0	2.6
SW	1.6	1.0	.2								2.8	3.4
WSW	1.3	1.9	.4								3.7	4.0
W	3.0	3.4	.4	.1							7.0	4.0
WNW	.6	1.1	.1								1.8	4.3
NW	.9	.6	.2								1.7	3.8
NNW	2.1	1.1	.3								3.6	3.4
VARIABLE												
CALM	////////////////////										35.7	////
TOTALS	31.4	24.7	7.9	.3							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	3.3	1.5	.1							7.8	4.6
NNE	1.8	2.2	1.6	.4	.1						6.1	5.7
NE	.8	.8	.6	.4	.0						2.6	6.4
ENE	.4	.6	.3	.1							1.5	5.4
E	.7	.7	.6								2.0	5.1
ESE	1.2	.7	.8	.1							2.7	4.8
SE	2.1	1.0	.7	.3	.0						4.2	4.7
SSE	3.8	1.2	.4	.2	.0						5.6	3.4
S	3.4	1.1	.3	.1							4.8	3.1
SSW	1.7	.8	.1	.0							2.7	3.1
SW	1.3	1.1	.2	.0							2.7	3.7
WSW	1.8	2.5	.9	.0							5.1	4.5
W	2.6	3.5	2.2	.6	.0						8.9	5.5
WNW	.9	1.8	.7	.2							3.5	5.2
NW	1.1	1.2	.5	.1							2.8	4.4
NNW	2.1	2.0	.7	.0							4.7	4.1
VARIABLE												
CALM	////////////////////										32.3	////
TOTALS	28.5	24.6	11.9	2.6	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	4.2	.8									6.3	4.7
NNE	2.6	4.1	1.6									8.3	4.6
NE	1.5	.9	.4	.1								2.9	4.3
ENE	.9	.1	.8									1.7	4.8
E	1.4	.4	.1									1.9	2.9
ESE	1.7	.9										2.6	3.0
SE	5.7	1.9	.3	.1								8.1	3.7
SSE	5.2	3.5	.1									8.9	3.1
S	3.7	3.0	.2									6.9	3.3
SSW	.5	.3										.9	2.9
SW	1.0	.8	.1									1.8	3.5
WSW	.6	1.1	.3	.1								2.2	5.0
W	1.6	1.1	.2	.1	.1							3.1	4.2
WNW	1.3	.2	.1									1.6	7.7
NW	1.4	.5										1.9	2.9
NNW	1.3	2.2	.8									4.2	4.4
VARIABLE													
CALM	////////////////////											36.5	////
TOTALS	32.0	25.2	5.8	.4	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 76-87
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	2.7	.5								5.9	3.9
NNE	1.5	2.2	.9								4.5	4.9
NE	.6	.1	.9								1.6	5.6
ENE	.8	.2	.2								1.2	3.8
E	1.3	.1									1.4	1.9
ESE	1.0										1.0	1.9
SE	4.5	1.4	.1								6.0	2.7
SSE	7.8	2.5									10.3	2.6
S	5.9	1.9									7.8	2.7
SSW	1.2	.3									1.5	2.6
SW	.8	.2	.2								1.2	3.6
WSW	1.2	1.3	.4								2.9	4.1
W	1.7	.4	.4								2.6	3.4
WNW	.4		.2	.1							.8	5.1
NW	1.1										1.1	1.7
NNW	.8	1.1	.4								2.3	4.3
VARIABLE												
CALM	////////////////////										48.0	////
TOTALS	33.2	14.4	4.3	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.1	2.5	.2									5.8	3.4
NNE	2.2	2.0	2.5									6.7	5.1
NE	1.0	.9	1.0	.2								3.0	5.4
ENE	.2	.6	.3	.1								1.3	5.9
E	1.2	.5	.2									1.9	3.4
ESE	1.6	.2	.4	.1								2.4	4.0
SE	2.0	.8	.3	.1								3.2	3.3
SSE	3.9	1.3										5.2	2.5
S	5.8	2.6	.1									8.5	2.9
SSW	2.2	.6										2.8	2.4
SW	1.1	.5		.1								1.7	3.7
WSW	1.3	.9	.5	.2								2.9	4.7
W	1.8	1.7	.9	.1	.1							4.6	5.1
WNW	1.7	.6										2.4	2.7
NW	.6	.2		.2								1.1	4.5
NNW	2.5	.8	.2	.1								3.5	3.2
VARIABLE													
CALM	////////////////////											43.0	////
TOTALS	32.2	16.8	6.7	1.3	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 7A-87
MONTH: MAY HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.8	3.3	1.2									10.3	3.6
NNE	2.8	1.6	1.8	.2								6.5	4.9
NE	1.0	1.2	1.0	.1								3.2	5.4
ENE	.9	1.1	.9	.3								3.1	5.8
E	1.4	1.2	1.2	.4								4.2	5.8
ESE	.9	.8	1.0	.4								3.0	6.5
SE	.2	1.4	1.6	.8								4.0	8.0
SSE	.4	.8	1.5	.1								2.8	6.6
S	1.8	1.0	1.2									4.0	4.4
SSW	2.2	1.3	.1									3.5	3.2
SW	1.9	1.2	.3		.1							3.5	3.9
WSW	1.6	1.9	.9	.1								4.4	4.5
W	3.3	3.5	2.3	.8								9.9	5.5
WNW	2.8	2.0	1.3	.2								6.3	4.7
NW	3.1	.4	.5									4.1	3.2
NNW	3.0	2.2	.3									5.5	3.6
VARIABLE													
CALM	////////////////////											21.6	////
TOTALS	33.1	24.7	17.0	3.4	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	4.2	2.9	.8	.1							10.9	5.8
NNE	1.8	1.9	3.2	.6								7.6	6.5
NE	1.5	.6	.8	.5	.1							3.5	6.3
ENE	1.1	1.2	1.3	.2								3.8	5.7
E	1.2	1.3	.8	.6								3.9	5.9
ESE	1.1	1.0	1.2	.3								3.5	6.0
SE	.5	.5	1.3	1.0								3.3	6.1
SSE	1.1	1.6	1.7	.6								5.1	6.7
S	1.2	1.2	1.2	.3								3.9	5.8
SSW	1.5	2.3	1.2	.1								5.1	5.3
SW	.9	1.1	.9	.5								3.3	6.3
WSW	1.8	1.4	2.7	.5								6.5	6.2
W	2.6	3.4	3.9	.9								10.8	6.3
WNW	1.8	3.4	2.6	.2		.1						6.2	5.9
NW	1.6	1.9	1.3			.1						4.9	5.5
NNW	2.5	3.3	1.6	.1								7.5	5.0
VARIABLE													
CALM	////////////////////////////////////											6.3	////
TOTALS	25.1	30.4	28.4	7.4	.2	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.7	3.7	1.0							9.2	6.8
NNE	1.1	3.2	2.8	2.4	.2						9.7	7.9
NE	.8	2.4	1.3	1.5	.3						6.2	8.1
NNE	1.0	1.2	2.3	.2	.1						4.7	6.7
E	1.0	1.2	2.5	.5	.1						5.3	7.1
ESE	.8	1.0	1.1	.1							2.9	5.9
SE	.1	1.3	1.8	.9							4.1	8.2
SSE	.4	.9	1.0	.4							2.7	7.0
S	.8	1.2	1.6	1.0							4.5	7.4
SSW	.8	1.3	.9	.3							3.2	5.8
SW	.8	2.2	1.2	.5							4.6	6.3
WSW	1.6	2.3	1.8	.5							6.2	6.2
W	1.6	5.2	4.6	1.4	.1						12.9	6.8
WNW	1.2	2.6	2.6	1.4							7.7	7.0
NW	1.3	1.6	1.9	.4							5.3	6.1
NNW	1.4	2.8	1.2	.2							5.6	5.3
VARIABLE												
CALM	////////////////////////////////////										5.1	////
TOTALS	15.4	33.8	32.2	12.8	.9						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	3.5	3.1	.1								8.2	6.0
NNE	1.2	2.6	5.2	3.1								12.0	8.3
NE	.9	1.8	2.6	2.5	.1							7.8	8.5
ENE	.8	1.7	1.7	.8								4.9	6.8
E	1.3	1.7	.6	.2								3.9	5.0
ESE	.4	1.2	1.4	.4								3.4	6.8
SE	.1	1.1	1.6	.5								3.3	7.7
SSE	.5	1.0	1.4	.1								3.0	6.3
S	1.0	1.4	1.0	.2								3.6	5.8
SSW	1.1	1.5	.5									3.1	4.7
SW	.8	1.3	1.0									3.0	5.3
WSW	1.2	2.4	1.7	.3								5.6	6.0
W	1.7	6.5	3.9	.2								12.4	5.8
WNW	2.2	4.6	3.0	.5								10.3	5.9
NW	1.1	3.1	1.2	.2								5.6	5.2
NNW	.9	1.3	1.4	.2								3.8	5.9
VARIABLE													
CALM	////////////////////////////////////											6.0	////
TOTALS	16.3	36.7	31.3	9.6	.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 72-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	4.2	1.2									7.0	4.9
NNE	2.8	5.6	3.1	.5								12.0	5.5
NE	2.2	4.1	2.2	.6								9.0	5.5
NNE	2.5	.8	.5									3.8	3.6
E	1.1	1.1	.1									2.3	3.5
ESE	1.4	.9	.4									2.7	4.0
SE	1.3	1.2	.5									3.0	4.3
SSE	2.8	1.4	.3									4.5	3.5
S	2.3	1.3										3.5	3.1
SSW	1.5	.6		.1								2.3	3.2
SW	1.8	1.2	.3									3.3	3.7
WSW	1.9	1.2	.6									3.8	3.9
W	2.7	2.8	1.2									6.7	4.5
WNW	2.0	1.6	.4									4.1	3.8
NW	1.7	1.8	.1									3.7	3.4
NNW	1.7	1.5	.1									3.3	3.5
VARIABLE													
CALM	////////////////////////////////////											25.1	////
TOTALS	31.3	31.2	11.2	1.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	3.5	1.7	.2	.0							8.0	5.0
NNE	2.0	2.9	2.6	.9	.0							8.4	6.2
NE	1.2	1.5	1.2	.7	.1							4.7	6.5
ENE	1.0	.9	1.0	.2	.0							3.1	5.7
E	1.2	.9	.7	.2	.0							3.1	5.1
ESE	1.1	.7	.7	.2								2.7	5.2
SE	1.9	1.2	1.0	.4								4.4	5.2
SSE	2.8	1.6	.8	.2								5.3	4.1
S	2.8	1.7	.7	.2								5.3	4.1
SSW	1.4	1.0	.3	.1								2.8	4.1
SW	1.1	1.0	.5	.1	.0							2.8	4.8
WSW	1.4	1.5	1.1	.2								4.3	5.3
W	2.2	3.1	2.2	.4	.0							7.9	5.6
WNW	1.7	1.9	1.3	.3		.0						5.2	5.9
NW	1.5	1.2	.6	.1		.7						3.5	4.6
NNW	1.7	1.9	.8	.1								4.5	4.5
VARIABLE													
CALM	////////////////////											24.2	////
TOTALS	27.3	26.6	17.1	4.5	.2	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	1.0	.1								3.0	3.1
NNE	1.1	1.2	.1								2.4	3.5
NE	1.1	.3									1.4	2.7
ENE	1.1	.3	.1								1.6	3.1
E	.9	.4									1.3	2.7
ESE	3.2	.7	.1								4.0	2.7
SE	4.8	2.8	.1								7.7	3.0
SSE	9.0	2.4	.2	.1							11.8	2.9
S	5.6	2.6	.1		.1						8.3	3.2
SSW	2.9	.9									3.8	2.8
SW	1.9	1.0	.8								3.7	4.0
WSW	2.3	1.6	1.1								5.0	4.5
W	2.7	2.7	.1								5.4	3.4
WNW	.9	.6									1.4	3.0
NW	1.2	.6									1.8	3.1
NNW	1.0	.4	.1								1.6	3.3
VARIABLE												
CALM	////////////////////////////////////										35.8	////
TOTALS	41.6	19.4	3.0	.1	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	.6	.1								2.2	2.9
NNE	.6	.7	.1								1.3	4.0
NE	.4	.1									.6	2.4
ENE	.4										.4	2.3
E	.9	.2	.1								1.2	2.6
ESE	2.1	.9	.3								3.3	3.5
SE	3.9	.9	.2								5.0	3.0
SSE	9.9	3.7	.4								14.0	3.0
S	9.3	2.4	.2								12.0	2.7
SSW	3.1	.8									3.9	2.6
SW	1.1	.3	.1								1.6	3.1
WSW	2.2	1.7	.9	.2							5.0	4.4
W	1.3	1.3	1.1								3.8	5.0
WNW	1.2	.3	.2								1.8	3.2
NW	1.0	.1									1.1	1.9
NNW	.8	.7		.1							1.6	3.7
VARIABLE												
CALM	////////////////////										41.2	////
TOTALS	39.9	14.7	3.9	.3							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.8	.7	.4								3.9	3.0
NNE	1.8	.7	.2	.1							2.8	3.7
NE	.3		.3								.7	5.0
ENE	.4		.1								.6	3.2
E	1.1	.1	.2								1.4	3.2
ESE	1.1	.3	.7	.3							2.4	5.7
SE	2.0	.9	.6	.6							4.0	4.9
SSE	3.9	1.6	.6								6.0	3.2
S	6.1	4.9	.2								11.2	3.4
SSW	3.8	1.3	.1								5.2	2.9
SW	2.9	2.0	.3	.1							5.3	3.8
WSW	2.4	2.0	1.0								5.4	4.3
W	2.1	3.0	2.0	.3							7.4	5.4
WNW	.4	.4	.8	.1							1.8	5.9
NW	.8	.7									1.4	3.4
NNW	2.2	.4	.2								2.9	2.8
VARIABLE												
CALM	////////////////////////////////////										37.4	////
TOTALS	34.2	19.0	7.8	1.6							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	2.1	.2								5.2	3.5
NNE	2.0	.7	.4								3.1	3.3
NE	.3	.2	.3	.3							1.2	7.1
ENE	.6	.7	.3								1.6	4.9
E	.8	1.1	.8	.2							2.9	5.7
ESE	1.0	1.1	1.1	.1							3.3	5.6
SE	.8	1.7	.9	.2							3.6	5.9
SSE	1.9	.6	.9	.4							3.8	5.2
S	3.7	3.4	.6	.1	.1						7.9	4.2
SSW	4.1	2.3	.4								6.9	3.3
SW	2.1	2.1	.7	.2							5.1	4.5
WSW	2.7	3.4	.7	.4							7.2	4.5
W	3.0	5.2	4.7	.8	.1						13.8	6.1
WNW	2.0	3.3	1.3	.2							6.9	4.9
NW	.6	1.0	.8								2.3	5.1
NNW	3.0	1.6	.4								5.0	3.4
VARIABLE												
CALM	////////////////////										20.2	////
TOTALS	31.3	30.6	14.6	3.1	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	3.4	1.0	.2								7.2	4.6
NNE	2.7	2.0	.9	.6	.1							6.2	5.1
NE	1.1	.2	.3	.4								2.1	5.6
ENE	1.2	.6	.7	.1								2.6	4.9
E	1.2	.1	.6	.1								2.0	4.7
ESE	1.3	1.0	.7	.1								3.1	5.0
SE	.6	1.3	.9	.4								3.2	6.5
SSE	1.0	1.6	1.4	.8								4.8	6.7
S	2.2	2.4	1.6	.2								6.4	5.0
SSW	1.7	2.2	.7									4.6	4.5
SW	1.0	.8	1.4	.4								3.7	6.4
WSW	2.3	4.3	1.6	.3								8.6	5.1
W	3.1	4.6	4.6	1.6								13.8	6.3
WNW	2.7	4.1	2.6	.7								10.0	5.5
NW	1.6	3.3	.8	.2								5.9	4.8
NNW	2.4	2.1	1.1									5.7	4.3
VARIABLE													
CALM	////////////////////											10.2	////
TOTALS	28.7	34.1	20.7	6.2	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	3.6	1.0	.4	.1						8.6	4.7
NNE	2.0	2.1	1.2	.8	.1						6.2	5.9
NE	.9	1.0	.8	.7							3.3	6.2
ENE	.2	1.0	1.0	.2							2.4	6.9
E	1.3	1.0	1.2	.2							3.8	5.7
ESE	.4	1.0	.4	.1							2.0	5.4
SE	.4	1.0	1.4	.6							3.4	7.2
SSE	.8	.7	1.6	.1							3.1	6.0
S	1.2	2.1	2.1								5.4	5.6
SSW	.8	1.9	1.1	.2							4.0	5.7
SW	.8	1.9	.3	.4							3.4	5.3
WSW	2.1	3.4	2.0	.8							8.3	5.7
W	2.6	5.7	4.8	1.1							14.1	6.3
WNW	2.3	5.0	3.6	.8							11.7	6.1
NW	1.9	2.7	1.2	.3							6.1	5.1
NNW	2.3	2.2	1.6								6.1	4.8
VARIABLE												
CALM	////////////////////										7.9	////
TOTALS	23.6	36.2	25.3	6.8	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	2.8	1.0	.4								7.0	4.8
NNE	2.0	2.2	1.0	.6								5.8	5.1
NE	.7	.9	1.7	.2								3.4	6.4
NNE	1.0	.7	.9									2.6	5.0
E	.8	1.3	.4	.1								2.7	4.9
ESE	.7	1.2	.4	.2								2.6	5.6
SE	.2	.8	1.0	.6	.1							2.7	8.0
SSE	.9	1.4	1.2	.1								3.7	5.6
S	1.2	2.2	1.6	.3								5.3	5.4
SSW	1.8	1.3	.6									3.7	4.1
SW	1.3	1.7	1.0	.1								4.1	4.9
WSW	2.6	2.7	2.2	.3	.2							8.0	5.7
W	4.0	6.7	5.2	.8								16.7	5.7
WNW	1.8	5.2	2.4	.4								9.9	5.7
NW	1.8	4.1	.9	.2								7.0	4.8
NNW	2.0	2.9	1.2	.1								6.2	4.8
VARIABLE													
CALM	////////////////////											8.8	////
TOTALS	25.4	38.1	22.8	4.6	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 79-87
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	2.2	.7									4.0	4.6
NNE	3.7	2.1	.7									6.4	3.6
NE	2.2	.8	.4									3.4	3.5
ENE	1.2	.2	.2									1.7	3.4
E	1.6	.7										2.2	2.8
ESE	2.1	1.0	.6									3.7	3.8
SE	1.4	1.2	.8	.1								3.6	4.5
SSE	2.3	2.3	.3									5.0	3.6
S	4.0	2.3	.9									7.2	3.6
SSW	3.2	.9	.1									4.2	2.8
SW	2.0	1.3	.6									3.9	3.9
WSW	2.7	1.6	.7									4.9	3.7
W	3.6	3.8	2.3	.1								9.8	4.8
WNW	2.0	2.1	.7	.1								4.9	4.4
NW	2.4	.9	.3									3.7	3.1
NNW	1.2	1.9	.3									3.4	4.0
VARIABLE													
CALM	////////////////////											28.0	////
TOTALS	36.8	25.3	9.6	.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	2.0	.6	.1	.0						5.1	4.2
NE	2.0	1.5	.6	.2	.0						4.3	4.5
ENE	.9	.4	.5	.2							2.0	5.2
E	.8	.4	.4	.0							1.7	4.7
ESE	1.1	.6	.4	.1							2.2	4.4
SE	1.5	.9	.5	.1							3.1	4.5
SSE	1.8	1.3	.7	.3	.0						4.1	4.9
S	3.7	1.8	.8	.2							6.5	3.9
SSW	4.2	2.8	.9	.1	.0						8.0	3.9
SW	2.7	1.5	.4	.0							4.5	3.5
WSW	1.6	1.4	.7	.2							3.8	4.6
W	2.4	2.6	1.3	.3	.0						6.6	4.9
WNW	2.8	4.1	3.1	.6	.0						10.6	5.6
NW	1.7	2.6	1.4	.3							6.0	5.3
NNW	1.4	1.7	.5	.1							3.7	4.4
	1.9	1.5	.6	.0							4.1	4.1
VARIABLE												
CALM	////////////////////										23.7	////
TOTALS	32.7	27.2	13.4	2.9	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.8	.2								1.6	4.0
NNE	1.0	.6									1.6	3.1
NE	.3										.3	2.0
ENE	.3	.1									.4	2.3
E	.9										.9	1.6
ESE	1.5	.8									2.3	2.7
SE	5.1	1.6									6.7	2.5
SSE	12.0	3.1									15.2	2.6
S	8.4	2.2	.3								10.9	2.7
SSW	3.4	1.9	.2								5.6	3.2
SW	1.6	2.5	.4	.1							4.6	4.4
WSW	2.8	3.0	1.1								6.9	4.4
W	1.4	1.6	.6	.2							3.9	4.7
WNW	.3	.4	.1								.9	4.5
NW	.1										.1	1.0
NNW	.9	.2									1.1	2.5
VARIABLE												
CALM	////////////////////										37.2	////
TOTALS	40.6	18.8	3.0	.3							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EILSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	.8	.1									1.6	3.9
NNE	.3	.1										.4	2.5
NE	.2											.2	2.5
ENE	.2	.1										.3	2.0
E	.6											.6	1.8
ESE	1.7	.4										2.2	2.3
SE	5.5	1.3										6.8	2.7
SSE	13.5	2.6										16.1	2.5
S	9.6	2.9										12.5	2.5
SSW	2.4	1.3										3.7	2.9
SW	1.5	1.4	.2									3.1	3.7
WSW	1.4	2.3	.8	.1								4.5	4.5
W	1.0	1.4	.8									3.1	5.1
WNW	.1	.2	.1									.4	4.8
NW	1.1											1.1	2.1
NNW	.5	.1										.6	2.2
VARIABLE													
CALM	////////////////////////////////////											42.7	////
TOTALS	40.4	14.8	1.9	.1								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	.1	.1								1.6	2.0
NNE	.8		.2								1.0	3.7
NE	.3										.3	2.0
ENE		.1									.1	4.0
E	.3										.3	2.0
ESE	1.1	.4	.2								1.7	3.1
SE	2.6	.6	.1								3.3	2.8
SSE	9.0	2.4									11.4	2.7
S	8.2	2.5									10.6	2.6
SSW	3.7	1.5	.2								5.4	3.1
SW	2.4	1.3	.2								3.9	3.4
WSW	3.3	3.0	1.6								8.0	4.5
W	2.0	3.0	1.4								6.5	4.7
WNW	.8	.1	.2								1.1	3.7
NW	.8	.1									.9	2.4
NNW	.9	.1									1.0	2.2
VARIABLE												
CALM	////////////////////										43.0	////
TOTALS	37.4	15.3	4.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	1.0	.3									4.1	3.0
NNE	.6	.4	.5									1.6	4.7
NE	.2	.2	.2									.6	5.3
ENE	.3		.2									.5	4.4
E	.4	.3	.3									1.1	4.5
ESE	.5	1.1	.3									1.9	4.7
SE	1.0	1.1	.3	.1								2.5	4.6
SSE	3.7	1.6	.3									5.6	3.1
S	3.5	2.7	.6									6.9	3.6
SSW	3.7	1.8	.2									5.7	3.1
SW	3.0	2.7	.1									5.8	3.4
WSW	4.5	4.6	2.4	.4								11.9	4.7
W	5.6	6.9	3.2	.5								16.2	5.0
WNW	2.7	1.8	.4									4.9	3.6
NW	1.5	.9	.2									2.6	3.5
NNW	2.4	.6										3.4	2.6
VARIABLE													
CALM	////////////////////											24.5	////
TOTALS	36.9	27.7	9.8	1.1								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.3	1.7	.8	.2								6.0	4.0
NNE	1.6	1.5	.5	.1								3.8	4.4
NE	.6	.4	.4	.2								1.7	5.7
NNE	.9	.1		.1								1.1	3.5
E	.8	.8	.4	.1								2.0	5.0
ESE	.8	.4										1.2	3.3
SE	1.0	1.0	.3	.1								2.4	4.9
SSE	1.6	1.2	.4	.1								3.3	4.2
S	2.2	2.5	1.0									5.6	4.2
SSW	2.0	1.9	.5									4.5	3.9
SW	2.5	2.4	.9									5.7	4.0
WSW	2.2	4.8	2.7	.4								10.1	5.6
W	2.6	7.0	5.5	1.0								16.0	6.2
WNW	3.1	3.4	3.1	.2								9.9	5.3
NW	2.0	3.1	.9									6.0	4.3
NNW	3.1	3.2	.2									6.6	3.7
VARIABLE													
CALM	////////////////////											14.1	////
TOTALS	30.2	35.5	17.6	2.6								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A188 316

EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87

2/4

UNCLASSIFIED

USAFETAC/DS-87/879

F/C 4/2

NL





MICROCOPY RESOLUTION TEST CHART
NBS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	3.0	1.5	.2							8.0	4.6
NNE	1.0	2.0	.6	.4							4.1	5.6
NE	.6	1.1	.2	.2	.1						2.3	5.7
ENE	.5	.5	.4	.1	.1						1.7	6.3
E	.6	.5	.4	.1							1.7	5.1
ESE	.5	1.0	.1								1.6	4.2
SE	.8	1.1	.4	.1							2.4	5.0
SSE	.8	1.2	.5	.1							2.6	5.3
S	1.0	2.9	.5								4.4	4.7
SSW	1.5	1.4	.5								3.5	4.3
SW	1.2	2.2	.8								4.1	4.8
WSW	2.5	3.0	1.6	.4							7.6	5.1
W	4.3	7.9	5.9	1.7							19.8	6.0
WNW	3.0	6.1	3.3	.3							12.8	5.3
NW	2.5	2.6	1.1	.2							6.4	4.7
NNW	2.5	3.6	1.4	.2							7.7	4.9
VARIABLE												
CALM	////////////////////										9.4	////
TOTALS	26.5	40.1	19.5	4.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.0	1.2	.1							5.0	4.9
NNE	1.5	2.3	1.0	.3							5.1	5.2
NE	1.1	1.2	.3								2.6	4.3
ENE	.4	.8	.4	.2							1.8	5.7
E	.8	.5	.4								1.7	4.4
ESE	.8	.8	.4								1.9	4.7
SE	1.0	.4	.2								1.6	4.3
SSE	1.7	1.1	.8	.1							3.7	4.8
S	2.4	3.3	.5		.1						6.4	4.2
SSW	1.8	2.4	.4								4.6	4.3
SW	.9	1.5	.5								2.9	4.8
WSW	3.1	4.2	2.0	.4							9.8	5.1
W	5.4	7.0	4.1	.5							17.0	5.1
WNW	3.9	4.7	1.7	.2							10.6	4.6
NW	2.4	3.3	.6								6.4	4.3
NNW	2.4	3.2	.4								6.0	4.0
VARIABLE												
CALM	////////////////////										12.8	////
TOTALS	31.1	38.8	15.2	1.9	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	1.2	.9	.1								2.2	3.2
NNE	2.0	1.2	.4								3.7	3.6
NE	1.9	.9	.1								2.9	3.2
ENE	1.3	.1	.1								1.5	2.4
E	1.3	.1	.1								1.5	2.4
ESE	.9	1.0	.2								2.0	3.8
SE	2.3	1.5	.2								4.0	3.2
SSE	5.5	2.8	.1								8.4	3.0
S	4.5	3.1	.2								7.9	3.3
SSW	3.1	1.4	.1								4.6	3.0
SW	2.2	1.9	.5								4.6	3.9
WSW	3.6	3.3	1.7								8.6	4.6
W	4.3	2.7	1.3	.2							8.5	4.2
WNW	2.5	1.1	.4	.1							4.1	3.4
NW	1.7	.2	.1								2.0	2.6
NNW	.9	.3									1.2	2.5
VARIABLE												
CALM	////////////////////										32.1	////
TOTALS	39.2	22.5	5.8	.3							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.3	.5	.1								3.8	4.0
NNE	1.1	1.0	.4	.1								2.7	4.5
NE	.7	.5	.2	.1	.0							1.4	4.4
ENE	.5	.2	.1	.1	.0							.9	4.4
E	.7	.3	.2	.0								1.2	3.9
ESE	1.0	.7	.2									1.9	3.6
SE	2.4	1.1	.2	.0								3.7	3.3
SSE	6.0	2.0	.3	.0								8.3	3.0
S	5.0	2.8	.4		.0							8.1	3.2
SSW	2.7	1.7	.3									4.7	3.5
SW	1.9	2.0	.5	.0								4.3	4.0
WSW	2.9	3.5	1.7	.2								8.4	4.9
W	3.3	4.7	2.9	.5								11.4	5.3
WNW	2.0	2.2	1.2	.1								5.6	4.7
NW	1.5	1.3	.4	.0								3.2	4.0
NNW	1.7	1.4	.3	.0								3.4	3.8
VARIABLE													
CALM	////////////////////											27.0	////
TOTALS	35.3	26.7	9.6	1.3	.0							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	.6										2.4	2.5
NNE	1.6	.4										2.0	2.5
NE	.6	.2										.9	2.5
ENE	.9											.9	1.8
E	1.4											1.4	1.7
ESE	1.6	.3										1.9	2.4
SE	4.0	1.8										5.8	2.8
SSE	8.5	3.2										11.7	2.7
S	5.1	1.5										6.6	2.5
SSW	1.4	.6	.1									2.2	3.0
SW	1.9	1.2	.1									3.2	3.3
WSW	2.6	2.4	.8									5.7	3.9
W	1.6	1.5	1.6	.3								5.1	5.4
WNW	.5	.4	.1									1.1	3.9
NW	1.3	.2										1.5	2.2
NNW	.8	.5										1.3	2.9
VARIABLE													
CALM	////////////////////											46.5	////
TOTALS	35.5	15.1	2.7	.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	.5									2.4	2.9
NNE	1.0	.2									1.2	2.1
NE	.3	.1									.4	2.8
ENE	.5	.2									.8	2.7
E	1.2										1.2	2.0
ESE	.9	.3									1.2	2.7
SE	3.3	1.0									4.3	2.5
SSE	8.1	1.7	.2								10.0	2.7
S	6.7	1.7	.1								8.5	2.5
SSW	2.6	.8									3.3	2.6
SW	2.0	1.2	.3								3.5	3.6
WSW	2.3	1.8	.5								4.6	3.9
W	1.2	1.0	1.1	.1							3.3	5.5
WNW	.8	.3	.3								1.4	4.2
NW	.9		.1								1.0	2.2
NNW	1.6	.4									2.0	2.5
VARIABLE												
CALM	////////////////////										50.9	////
TOTALS	35.1	11.3	2.7	.1							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	.5										2.7	2.3
NNE	1.3	.2										1.5	2.1
NE	.2	.5										.8	3.9
ENE	.3											.3	1.3
E	1.1	.2										1.3	2.1
ESE	1.8	.4										2.3	2.6
SE	2.6	.8	.1									3.4	2.9
SSE	4.6	1.7	.1									6.5	2.8
S	5.3	1.6	.1									7.0	2.6
SSW	2.0	1.0	.1									3.1	3.1
SW	2.4	1.0	.4									3.8	3.6
WSW	2.4	1.3	.4									4.1	3.6
W	2.4	2.4	1.5									6.2	4.9
WNW	.6	.8	.1	.1								1.6	4.2
NW	1.1	.4	.1	.2								1.8	4.1
NNW	.5	.2										.8	2.7
VARIABLE													
CALM	////////////////////											52.9	////
TOTALS	30.8	13.0	3.0	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.4	1.0	.1									4.5	2.7
NNE	2.0	.9	.3									3.2	3.2
NE	.5	.3	.2									1.1	4.0
ENE	.3	.1	.1									.5	3.8
E	.6	.3	.4									1.4	4.7
ESE	.4	.8	.6	.2								2.0	6.0
SE	1.0	1.2	1.0									3.1	5.2
SSE	1.7	1.3	.4									3.4	4.0
S	3.8	3.0	.1									6.9	3.3
SSW	2.7	1.7	.4									4.8	3.5
SW	2.0	1.4	.4	.1								4.0	3.9
WSW	2.7	4.5	1.6									8.8	4.5
W	2.6	3.4	1.9	.2								8.2	5.1
WNW	2.2	1.1	.8	.2								4.2	4.4
NW	1.8	.8	.2									2.8	2.8
NNW	2.4	.5	.1									3.0	2.6
VARIABLE													
CALM	////////////////////											38.0	////
TOTALS	30.2	22.3	8.8	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.7	1.1	.3								5.1	3.1
NNE	2.4	2.4	.4	.1							5.3	4.0
NE	1.1	.3	.6	.1							2.2	4.8
ENE	.9	.6									1.5	3.1
E	1.4	.8	.6								2.8	4.1
ESE	.1	1.2	1.3	.1							2.7	6.6
SE	1.2	.8	1.3	.1							3.3	5.7
SSE	1.2	1.7	1.1								4.0	4.7
S	2.0	1.8	.8								4.6	4.3
SSW	1.3	1.2									2.5	3.0
SW	2.5	1.7	1.0								5.2	3.9
WSW	3.1	3.5	1.7	.3							8.7	4.8
W	4.2	5.8	3.7	.3							14.0	5.1
WNW	3.5	2.9	.6	.1							7.2	3.9
NW	2.9	2.3	.2								5.4	3.5
NNW	3.0	2.3	.6								5.9	3.7
VARIABLE												
CALM	////////////////////										19.8	////
TOTALS	34.4	30.3	14.3	1.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	2.9	.8									6.9	3.9
NNE	2.4	2.4	.6	.1								5.5	4.4
NE	1.8	.8	.6									3.2	4.0
ENE	.8	.1	.1	.2								1.2	5.0
E	.8	.6	.5									1.9	5.1
ESE	.6	.5	1.1	.2								2.5	6.3
SE	1.0	1.1	1.5	.1								3.7	6.1
SSE	1.1	.9	1.5	.3								3.8	6.0
S	1.7	2.2	.8									4.6	4.3
SSW	1.9	1.2	.1									3.2	3.3
SW	.9	1.2	.6	.1								2.8	4.8
WSW	2.8	3.1	1.8	.2								8.0	5.1
W	3.2	6.6	4.0	.6								14.4	5.6
WNW	3.7	4.7	1.6	.1								10.1	4.3
NW	2.6	2.8	1.5									6.9	4.5
NNW	1.9	2.3	1.0									5.2	4.3
VARIABLE													
CALM	////////////////////											16.2	////
TOTALS	30.3	33.2	18.2	2.0								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	2.6	.3	.1								5.5	4.0
NNE	2.7	2.7	.3	.1								5.8	3.8
NE	3.3	.9	.9	.1		.1						5.3	4.3
ENE	.4	.3	.1									.9	3.9
E	1.3	.6	.2									2.2	3.4
ESE	.6	1.2	.3	.1								2.3	4.5
SE	2.3	.8	1.7	.1								4.8	4.8
SSE	1.4	1.7	.2									3.3	3.9
S	2.2	1.6	.2									4.0	3.4
SSW	1.5	1.2										2.7	3.3
SW	1.1	1.0	.6									2.7	4.7
WSW	3.1	3.1	1.5									7.7	4.5
W	6.2	4.9	1.2	.1								12.5	3.8
WNW	4.9	2.7	1.0									8.6	3.6
NW	2.9	2.5	.6	.1								6.1	3.9
NNW	2.0	1.9	.2									4.2	3.7
VARIABLE													
CALM	////////////////////											21.5	////
TOTALS	38.5	29.7	9.5	.8		.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	.8									2.4	2.7
NNE	1.6	1.3	.3								3.2	3.8
NE	1.0	.5	.2								1.7	3.6
ENE	1.3	.2									1.5	2.4
E	1.2		.1								1.3	2.6
ESE	1.1	.8									1.8	3.1
SE	3.3	1.1	.3								4.7	2.9
SSE	6.5	2.3	.1								8.8	2.7
S	5.5	1.2									6.7	2.6
SSW	1.4	.3									1.7	2.7
SW	2.2	1.5	.3								4.0	3.7
WSW	1.4	2.8	1.2								5.4	4.9
W	2.2	2.4	.6	.3							5.5	4.6
WNW	.9	.8	.2								1.8	3.7
NW	.6	.3	.2								1.2	3.6
NNW	.9	.3									1.2	2.5
VARIABLE												
CALM	////////////////////										47.1	////
TOTALS	32.5	16.5	3.7	.3							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	1.2	.2	.0								4.0	3.2
NNE	1.9	1.3	.3	.0								3.5	3.6
NE	1.1	.5	.3	.0		.0						1.9	4.0
ENE	.7	.2	.0	.0								.9	3.1
E	1.1	.3	.2									1.7	3.4
ESE	.9	.7	.4	.1								2.1	4.5
SE	2.3	1.0	.7	.0								4.2	3.9
SSE	4.1	1.8	.5	.0								6.4	3.3
S	4.0	1.8	.3									6.1	3.1
SSW	1.9	1.0	.1									2.9	3.1
SW	1.9	1.3	.5	.0								3.6	3.9
WSW	2.5	2.8	1.2	.1								6.6	4.5
W	2.9	3.5	1.9	.3								8.6	5.0
WNW	2.1	1.7	.6	.1								4.5	4.0
NW	1.8	1.2	.4	.0								3.3	3.7
NNW	1.6	1.1	.2									2.9	3.5
VARIABLE													
CALM	////////////////////											36.6	////
TOTALS	33.4	21.4	7.8	.7		.0						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.3	.2									3.9	3.4
NNL	1.8	1.9	.3									4.0	4.1
NE	.4	.7	.2									1.3	4.3
ENE	.4	.3	.1									.9	3.5
E	.4	.2	.1									.8	3.7
ESE	.9	.8	.4	.1								2.2	4.7
SE	3.1	.9	.3	.1								4.4	3.3
SSE	5.6	1.9	.1	.2								7.8	2.9
S	5.2	1.4	.2									6.9	2.9
SSW	2.0	.6										2.6	2.3
SW	1.2	.8	.2									2.2	3.5
WSW	1.3	1.6	.7	.1								3.7	4.7
W	1.7	1.9	1.8									5.3	5.0
WNW	.2	.2	.1									.6	4.8
NW	1.0	.2										1.2	2.0
NNW	1.9	1.2	.1									3.2	3.3
VARIABLE													
CALM	////////////////////											49.0	////
TOTALS	29.6	15.9	5.0	.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	1.0	.3									2.4	3.9
NNE	1.6	2.0	.6									4.1	4.6
NE	.3	.6										.9	3.9
ENE	.7	.2										.9	2.5
E	.9	.2										1.1	2.9
ESE	1.2	.7	.3									2.2	4.0
SE	2.7	1.3	.3									4.3	3.4
SSE	5.7	1.1	.1	.3								7.2	2.9
S	5.0	1.6										6.6	2.6
SSW	2.2											2.2	2.2
SW	1.6	.9										2.4	3.2
WSW	1.9	1.4	.3									3.7	3.7
W	.8	1.3	1.7									3.8	6.1
WNW	.6	.2	.3									1.1	4.3
NW	.9	.2										1.1	2.4
NNW	1.8	1.1										2.9	2.8
VARIABLE													
CALM	////////////////////											53.0	////
TOTALS	28.8	13.9	4.0	.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.1	.2									2.9	3.5
NNE	.6	1.1	.6									2.2	5.4
NE	.9	.4	.2									1.6	3.7
ENE	.6	.1										.7	2.5
E	.7	.4	.1	.1								1.3	4.0
ESE	.9	.4	.2									1.6	3.5
SE	2.2	.9	.3	.1								3.6	3.7
SSE	4.2	1.4	.2	.1	.1							6.1	3.3
S	5.8	1.1	.1	.1								7.1	2.6
SSW	2.2	.4	.1									2.8	2.4
SW	1.4	.7	.3									2.4	3.6
WSW	1.7	2.2	.4	.1								4.4	4.4
W	.6	2.0	.8	.4								3.8	6.3
WNW	.7	.1	.1									.9	2.8
NW	.6	.2										.8	2.6
NNW	2.0	.6										2.6	2.7
VARIABLE													
CALM	////////////////////											55.3	////
TOTALS	26.4	13.3	3.8	1.3	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	2.6	1.2	.3									4.1	3.2
NNE	1.9	1.0	.9									3.8	4.3
NE	.3	.9	.7									1.9	5.4
ENE	.4	.3	.2									1.0	4.0
E	.6	.8	.3	.2								1.9	5.6
ESE	.7	1.3	.7	.1								2.8	5.9
SE	1.2	.8	.7									2.7	4.8
SSE	1.9	.9	.8	.2								3.8	4.8
S	4.0	1.4	.7									6.1	3.5
SSW	1.9	.7	.2									2.8	2.9
SW	2.3	.9	.2									3.4	3.2
WSW	1.6	2.2	1.2									5.0	4.9
W	2.0	3.9	1.9	.2								8.0	5.3
WNW	.9	.7	.2									1.8	3.7
NW	1.1	.6										1.7	2.8
NNW	2.8	.8	.2									3.8	2.8
VARIABLE													
CALM	////////////////////											45.6	////
TOTALS	26.1	18.3	9.2	.8								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.4	2.7	.2									6.3	3.3
NNE	2.1	1.1	1.2	.1								4.6	4.6
NE	.6	.6	1.1	.3								2.6	7.1
ENE	.9	.7	.3									1.9	4.4
E	.7	1.9	1.8	.1								4.4	6.0
ESE	.4	1.4	1.2	.3	.1							3.6	7.0
SE	1.2	1.4	1.1	.4	.2							4.4	6.5
SSE	1.3	1.3	.7	.4								3.8	5.5
S	2.3	1.0	.4									3.8	3.7
SSW	1.7	.7	.2									2.6	3.5
SW	1.4	1.0	.1	.1								2.7	4.2
WSW	2.1	2.1	1.3	.3								5.9	5.3
W	4.9	4.0	2.7	.4								12.0	4.9
WNW	1.4	1.6	1.0									4.0	4.7
NW	2.3	1.7	.2	.1								4.3	3.8
NNW	3.0	2.2	.4									5.7	3.7
VARIABLE													
CALM	////////////////////											27.6	////
TOTALS	29.9	25.3	14.1	2.8	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.0	1.8	.9									6.7	3.6
NNE	1.9	2.0	1.8									5.7	5.2
NE	1.1	.8	1.7	.7								4.2	6.8
ENE	1.1	1.0	.1									2.2	3.8
E	1.3	1.4	1.1	.1								4.0	4.9
ESE	1.2	2.3	1.6	.4								5.6	5.7
SE	.9	1.4	1.3	.9		.1						4.7	7.4
SSE	.9	1.7	1.0	.2								3.8	5.5
S	1.8	1.6	.3									3.7	4.0
SSW	1.3	1.0										2.3	3.3
SW	.6	1.1		.1								1.8	4.6
WSW	3.2	1.7	1.4	.2								6.6	4.4
W	2.9	4.6	4.0	.2								11.7	5.5
WNW	2.2	2.1	1.0									5.3	4.4
NW	3.0	1.9	.7	.1								5.7	4.0
NNW	4.0	2.0	.4									6.4	3.3
VARIABLE													
CALM	////////////////////											19.8	////
TOTALS	31.4	28.3	17.3	3.0		.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	2.9	.2									5.6	3.9
NNE	1.8	2.3	1.1	.2								5.4	4.9
NE	1.6	.6	.8	.2								3.1	4.9
ENE	1.8	1.0	.2									3.0	3.5
E	1.7	.9	.2									2.8	3.2
ESE	1.1	.8	.8	.3								3.0	6.0
SE	1.6	.9	.8	.6								3.8	5.6
SSE	2.6	.8	.3									3.7	3.3
S	2.1	.6										2.7	2.7
SSW	1.0	.2										1.2	2.3
SW	1.7	.6										2.2	2.6
WSW	3.4	2.1	1.2									6.8	4.0
W	3.7	4.1	2.2	.4								10.4	4.8
WNW	2.1	.9	.4									3.4	3.5
NW	1.8	.2										2.0	2.6
NNW	3.0	.8										3.8	2.6
VARIABLE													
CALM	////////////////////											37.1	////
TOTALS	33.2	19.6	8.3	1.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.1	.4									3.7	3.7
NNE	1.8	2.7	.3	.1								4.9	4.3
NE	.8	1.1	.7	.1								2.7	5.2
ENE	.1	.8										.9	4.3
E	.7	.7	.1									1.4	3.7
ESE	.9	.6	.7									2.1	4.9
SE	3.1	.8	.7									4.6	3.5
SSE	4.9	1.2	.2									6.3	2.8
S	4.4	1.1	.2									5.8	2.7
SSW	1.9	.6	.1									2.6	2.5
SW	1.1	.9	.6									2.6	4.0
WSW	2.3	1.0	1.0	.1								4.4	4.6
W	2.1	2.9	1.3	.7								7.0	5.4
WNW	.2	.1	.2									.6	5.0
NW	.3	.3										.7	3.0
NNW	1.6	1.1										2.7	2.9
VARIABLE													
CALM	////////////////////											47.2	////
TOTALS	28.3	16.9	6.6	1.0								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	1.6	.4								4.4	3.6
NNE	1.7	1.8	.8	.1							4.3	4.6
NE	.7	.7	.7	.2							2.3	5.5
ENE	.7	.6	.1								1.4	3.7
E	.9	.8	.5	.1							2.2	4.6
ESE	.9	1.0	.7	.2	.0						2.9	5.5
SE	2.0	1.1	.7	.3	.0	.0					4.1	4.8
SSE	3.4	1.3	.4	.2	.0						5.3	3.6
S	3.8	1.2	.2	.0							5.3	3.0
SSW	1.8	.5	.1								2.4	2.7
SW	1.4	.8	.2	.0							2.5	3.6
WSW	2.2	1.8	1.0	.1							5.1	4.5
W	2.3	3.1	2.0	.3							7.7	5.3
WNW	1.0	.7	.4								2.2	4.2
NW	1.4	.7	.1	.0							2.2	3.3
NNW	2.5	1.2	.2								3.9	3.1
VARIABLE												
CALM	////////////////////										41.8	////
TOTALS	29.2	18.9	8.5	1.4	.1	.0					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	1.6	.1								4.4	3.3
NNE	1.4	2.9	.5								4.8	4.2
NE	.5	1.0	.8								2.3	5.1
ENE	.3	.4	.3								1.1	4.8
E	.4	.8	.1								1.3	4.2
ESE	.9	.3	.1								1.3	2.9
SE	1.7	.4	.1	.2							2.5	3.6
SSE	4.3	.3	.1	.2	.1						5.1	3.4
S	3.8	1.4									5.2	2.7
SSW	2.6	.2									2.8	2.0
SW	1.0	.4									1.4	2.6
WSW	1.9	1.3	.3	.1							3.7	3.8
W	.9	1.8	1.1								3.8	5.2
NNW	.5	.1									.6	2.3
NW	.5	.3									.9	3.4
NNW	2.2	1.2	.1								3.4	3.0
VARIABLE												
CALM	////////////////////										55.6	////
TOTALS	25.6	14.5	3.7	.5	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70265C STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.7										4.0	3.1
NNE	1.3	2.5	.8									4.5	4.7
NE	.3	.9	.8									1.9	5.8
ENE	.1	.4	.1	.1								.8	6.0
E	.5	.4	.4									1.4	5.1
ESE	1.3	.2	.2									1.7	3.0
SE	3.0	.8	.4	.1								4.3	3.6
SSL	3.5	.4	.3		.2							4.5	3.3
S	3.3	1.4										4.7	2.6
SSW	2.0	.5	.1									2.7	2.6
SW	3.0	.8	.1									3.9	2.8
WSW	1.2	.8	.1	.3								2.4	4.8
W	1.0	1.2	.5	.1								2.8	4.8
WNW	.4	.2										.6	3.2
NW	.6	.2										.9	2.4
NNW	2.2	.6										2.8	2.6
VARIABLE													
CALM	////////////////////											56.1	////
TOTALS	26.1	13.0	3.9	.6	.2							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	1.2	.3									4.3	3.4
NNE	1.1	2.7	1.4									5.2	5.1
NE	.4	.6	.2									1.3	4.8
ENE	.3	.1										.4	2.8
E	.1	.3	.3									.8	6.1
ESE	1.1	.3	.3	.1								1.8	4.4
SE	3.0	.8	.3									4.1	3.2
SSE	4.1	.4	.4	.1	.2							5.3	3.6
S	4.1	1.4										5.5	2.5
SSW	1.9	.1										2.0	2.1
SW	2.3	.8	.1									3.1	3.0
WSW	2.3	.8	.3	.1								3.4	3.5
W	.6	.9	.6	.1								2.3	5.2
WNW	.2											.2	2.0
NW	1.2	.1										1.3	2.3
NNW	1.1	.6	.1									1.8	3.2
VARIABLE													
CALM	////////////////////											57.2	////
TOTALS	26.6	11.1	4.5	.4	.2							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	2.0	.9								5.1	4.2
NNE	1.1	1.6	.5								3.2	4.3
NE	.3	.5	.6								1.5	5.4
ENE	.3	.1									.4	2.3
E	.5	.4	.2								1.2	4.5
ESE	.6	.8	.8								2.2	5.3
SE	1.6	1.0	.6	.1							3.3	4.5
SSE	3.1	1.0	.4	.2							4.7	3.6
S	3.9	.6	.1								4.6	2.6
SSW	1.6	.2	.1								1.9	2.6
SW	2.2	1.1	.1								3.3	2.9
WSW	2.0	1.0	.8								3.8	3.9
W	1.6	1.1	.5								3.2	4.3
WNW	.8	.1									.9	2.4
NW	1.0	.4									1.4	2.5
NNW	2.7	1.1	.1								3.9	2.9
VARIABLE												
CALM	////////////////////										55.4	////
TOTALS	25.5	13.0	5.8	.3							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.1	3.0	.5									8.6	3.3
NNE	1.1	2.4	.6									4.1	4.7
NE	.4	1.1	1.0									2.5	5.8
ENE	.2	.2	.2									.6	5.0
E	1.4	.3	.5									2.3	3.9
ESE	.8	.6	.6									2.0	5.1
SE	1.1	1.5	1.1	.3	.1							4.1	6.2
SSE	2.0	1.0	1.0									4.0	4.6
S	3.8	.5	.2									4.5	2.6
SSW	2.2	.4										2.6	2.3
SW	1.8	.9										2.7	2.8
WSW	2.5	1.1	1.2									4.7	3.8
W	2.5	2.7	1.0	.3								6.5	4.7
WNW	.8	.8										1.5	3.4
NW	.6	.5										1.2	3.1
NNW	3.4	1.2	.1									4.7	2.8
VARIABLE													
CALM	////////////////////											43.4	////
TOTALS	29.6	18.2	8.1	.6	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.9	2.2	.3								6.3	3.0
NNE	1.7	3.7	1.4	.1							6.9	5.1
NE	.4	.4	.6	.2							1.7	6.4
ENE	.2	.5	.1								.9	4.6
E	.8	1.2	.3								2.3	4.5
ESE	1.2	.9	1.0	.1							3.1	5.2
SE	1.5	1.1	.5	.2							3.3	4.9
SSE	1.5	1.3	.4	.1							3.3	4.3
S	1.9	.9	.1								2.9	3.1
SSW	1.3										1.3	2.0
SW	3.1	.4									3.5	2.4
WSW	2.8	2.0	.9								5.7	3.7
W	4.3	2.3	1.0	.2							7.7	3.9
WNW	1.3	.6									1.9	2.7
NW	2.2	.5									2.7	2.6
NNW	3.8	1.9	.1								5.8	2.9
VARIABLE												
CALM	////////////////////										40.5	////
TOTALS	31.8	19.9	6.8	1.0							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	1.9	.4									4.7	3.7
NNE	1.3	3.1	1.6									6.0	5.2
NE	.6	1.0	.6									2.3	5.1
ENE	.5	.3	.1									1.0	4.0
E	.4	.3	.3									1.1	5.0
ESE	.8	1.0	.8		.1							2.6	5.9
SE	1.0	.6	.3	.1								2.0	4.6
SSE	2.8	1.1	.4	.2								4.5	3.8
S	1.9	.5		.1								2.6	3.3
SSW	1.1	.1										1.2	2.2
SW	1.9	.4										2.4	2.2
WSW	2.3	1.7	.1									4.1	3.3
W	1.8	2.4	.6	.2								5.1	4.5
WNW	.9	.2		.1								1.2	3.5
NW	1.5	.2										1.7	2.3
NNW	2.3	.5										2.8	2.5
VARIABLE													
CALP	////////////////////											54.8	////
TOTALS	23.4	15.5	5.4	.8	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	3.0	.4									6.5	3.8
NNE	1.0	2.2	1.1									4.2	5.1
NE	.3	.9	.2	.1								1.5	5.1
ENE	1.0	.2	.3									1.5	3.5
E	.6	.2										.9	2.5
ESE	.4	.2	.2	.2	.1							1.2	7.1
SE	2.4	.9	.2	.2	.1							3.8	4.0
SSE	3.4	1.0	.1	.1								4.6	2.9
S	2.6	1.1	.1									3.8	2.9
SSW	1.6	.2										1.8	2.1
SW	1.5	.4										1.9	2.6
WSW	2.8	1.0	.5									4.3	3.3
W	1.9	1.6	.8									4.3	4.4
WNW	1.0	.3	.1									1.4	3.1
NW	.5	.2										.8	2.6
NNW	2.7	1.0										3.7	2.7
VARIABLE													
CALM	////////////////////											54.0	////
TOTALS	26.8	14.3	4.1	.6	.2							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.0	2.1	.4								5.5	3.5
NNE	1.2	2.6	1.0	.0							4.9	4.9
NE	.4	.8	.6	.0							1.9	5.5
ENE	.4	.3	.1	.0							.8	4.2
E	.6	.5	.3								1.4	4.4
ESE	.9	.5	.5	.1	.0						2.0	4.9
SE	1.9	.9	.5	.2	.0						3.4	4.3
SSE	3.1	.8	.4	.1	.1						4.5	3.6
S	3.2	1.0	.1	.0							4.2	2.7
SSW	1.8	.2	.0								2.0	2.3
SW	2.1	.6	.0								2.8	2.7
WSW	2.2	1.2	.5	.1							4.0	3.7
W	1.8	1.7	.8	.1							4.4	4.5
WNW	.7	.3	.0	.0							1.0	3.0
NW	1.0	.3									1.3	2.6
NNW	2.5	1.0	.1								3.6	2.8
VARIABLE												
CALM	////////////////////										52.1	////
TOTALS	26.9	14.9	5.3	.6	.1						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.4	.1									1.7	2.9
NNE		.2										.2	5.0
NE	.1	.2	.1									.4	4.8
ENE	.6		.2									.8	3.4
E	.2	.2	.1	.1								.7	5.5
ESE	.9	.3	.3	.1								1.7	4.5
SE	1.7		.6	.1	.1							2.4	4.8
SSE	2.3	.8	.2	.3								3.7	4.1
S	2.7	.8		.1								3.6	3.0
SSW	.7											.7	1.7
SW	.6	.1	.1									.8	3.1
WSW	.4	.1	.3									.9	4.8
W	.6	.3	.1									1.0	3.3
WNW	.6	.1										.7	2.0
NW	1.0											1.0	1.9
NNW	1.7	1.3										3.0	3.1
VARIABLE													
CALM	////////////////////											76.9	////
TOTALS	15.0	5.0	2.2	.8	.1							100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	.7									1.6	3.1
NNE	.9	.6	.1								1.6	3.1
NE	.3										.3	2.0
ENE	.1	.1									.2	3.5
E	.8	.3	.3								1.4	3.8
ESE	.3	.3	.2	.1							1.0	5.4
SE	.9	.2	.3	.1	.2	.1					1.9	7.3
SSE	3.6	.3	.1	.1							4.1	2.6
S	2.8	.7	.1								3.6	2.6
SSW	1.4	.1									1.6	2.1
SW	.3	.1									.4	3.3
WSW	.8										.8	2.0
W	.1	.7	.1								.9	5.3
WNW	.3										.3	2.0
NW	.2	.1									.3	2.3
NNW	1.6	.9									2.4	2.7
VARIABLE												
CALM	////////////////////										77.6	////
TOTALS	15.3	5.1	1.3	.3	.2	.1					100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	.6	.1									2.6	3.1
NNE	.4	.4										.9	4.0
NE	.2	.1										.4	2.3
ENE	.1											.1	3.0
E	.4	.6										1.0	3.3
ESE	.7	.3	.3	.1								1.4	5.4
SE	.9	.2	.8	.2	.1							2.2	6.6
SSE	1.4	.6	.2									2.2	3.3
S	3.1	.3	.1									3.6	2.5
SSW	.8	.1	.1									1.0	2.6
SW	.7	.4	.1									1.2	3.4
WSW	1.1	.3										1.4	2.8
W	.3	.4										.8	3.9
WNW	.8	.2										1.0	2.4
NW	.3											.3	1.3
NNW	1.0	.6										1.6	3.0
VARIABLE													
CALM	////////////////////											78.2	////
TOTALS	14.3	5.2	1.8	.3	.1							100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.4										1.6	2.9
NNE	.8	.7	.1									1.6	3.6
NE	.1	.1	.1									.3	6.0
ENE	.3	.1	.1									.6	4.4
E	.4	.3	.1									.9	3.8
ESE	1.3	.2	.4									2.0	4.1
SE	1.3	.4	.6									2.3	3.9
SSE	2.0	.4	.4									2.9	3.5
S	2.4	.4	.1									3.0	2.7
SSW	.9	.1										1.0	2.3
SW	.4	.3	.1									.9	4.4
WSW	1.1	.2	.2	.1								1.7	3.8
W	.2	.6	.1									.9	5.1
WNW	.3											.3	2.3
NW	.9											.9	2.3
NNW	2.7	.7	.1									3.4	2.5
VARIABLE													
CALM	////////////////////											75.0	////
TOTALS	16.4	5.1	2.6	.1								100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	1.3	.1									3.4	3.0
NNE	.7	.4										1.1	3.3
NE	.2	.1	.1	.2								.7	7.3
NNE	.3	.4										.8	3.9
E	.4	.3	.2									1.0	4.3
ESE	.3	.7	.3									1.3	4.9
SE	.4	.2	.8	.1								1.6	6.7
SSE	1.3		.3									1.7	3.1
S	1.8	.4	.1									2.3	2.8
SSW	1.3											1.3	1.8
SW	.9	.1										1.0	2.1
WSW	1.2	1.2	.1	.1								2.7	3.9
W	1.1	.8	.1	.2								2.2	4.5
WNW	.8	.1										.9	2.0
NW	.9	.1										1.0	1.8
NNW	3.3	1.4										4.8	2.9
VARIABLE													
CALM	////////////////////											72.2	////
TOTALS	17.1	7.8	2.2	.7								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.4										3.8	3.0
NNE	.9	.7	.4									2.0	4.2
NE		.1										.1	4.0
ENE	.2	.3	.3									.9	5.6
E	.7		.1									.8	2.7
ESE	.2	.3	.6									1.1	6.7
SE	.7	.9	.7	.1								2.3	5.3
SSE	.9	.7	.2									1.8	3.6
S	1.2	.7										1.9	3.1
SSW	.8	.1	.1									1.0	3.4
SW	.3	.2										.6	2.6
WSW	1.0	.9	.2									2.1	3.9
W	1.6	.6	.3									2.4	3.8
WNW	.9	.1										1.0	2.4
NW	.4	.3										.8	3.0
NNW	2.4	1.6										4.0	2.9
VARIABLE													
CALM	////////////////////											73.4	////
TOTALS	14.6	8.9	3.0	.1								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.0	.1								2.9	3.0
NNE	1.2	.7									1.9	3.0
NE	.1	.1									.2	3.5
ENE	.1	.1	.1								.3	5.0
E	.7	.4	.3	.1	.1						1.7	5.5
ESE	.4	.7	.8	.3							2.2	6.2
SE	1.2	.4	.8								2.4	4.9
SEF	1.2	.2	.3								1.8	3.3
S	2.3	.7									3.0	2.4
SSW	.7	.3									1.0	2.7
SW	.7	.1									.8	2.9
WSW	.7	.7									1.3	3.2
W	.2	1.0	.1								1.3	4.5
WNW	.2										.2	1.0
NW	.8	.2									1.0	2.4
NNW	1.9	1.1									3.0	3.0
VARIABLE												
CALM	////////////////////////////////////										74.9	////
TOTALS	14.2	7.8	2.6	.4	.1						100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.9									2.1	3.1
NNE	.9	.2									1.1	2.5
NE	.1										.1	1.0
ENE	.1	.2	.3								.7	6.0
E	.3	.1	.3		.1						.9	7.3
ESE	.3	.2	.1		.1						.8	6.4
SE	1.7	.6	.7	.3							3.2	5.0
SSE	1.9	.3	.2								2.4	2.7
S	2.1	.6	.1								2.8	2.6
SSW	.7										.7	1.8
SW	1.0	.1	.1								1.2	2.7
WSW	.7	.4	.1								1.2	3.5
W	.1	.8									.9	4.9
WNW	.7	.1									.8	2.3
NW	1.0										1.0	1.7
NNW	2.4	.9									3.3	2.9
VARIABLE												
CALM	////////////////////////////////////										76.8	////
TOTALS	15.2	5.4	2.0	.3	.2						100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	.8	.1								2.4	3.0
NNE	.7	.5	.1								1.3	3.4
NE	.2	.1	.0	.0							.3	4.5
ENE	.2	.2	.1								.5	4.6
E	.5	.3	.2	.0	.0						1.0	4.5
ESE	.6	.4	.4	.1	.0						1.4	5.3
SE	1.1	.4	.6	.1	.1	.0					2.3	5.4
SSE	1.8	.4	.3	.1							2.6	3.3
S	2.3	.6	.1	.0							3.0	2.7
SSW	.9	.1	.0								1.0	2.3
SW	.6	.2	.1								.9	3.0
WSW	.9	.5	.1	.0							1.5	3.6
W	.5	.6	.1	.0							1.3	4.3
WNW	.6	.1									.7	2.2
NW	.7	.1									.8	2.1
NNW	2.1	1.1	.0								3.2	2.9
VARIABLE												
CALM	////////////////////										15.7	////
TOTALS	15.3	6.3	2.2	.4	.1	.0					100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.2	.1									1.3	2.8
NNE	.8	1.2										1.9	3.8
NE	.1	.1										.2	3.0
ENE	.5											.5	1.6
E	.4	.2										.6	3.0
ESE	.5	.3	.3									1.2	4.6
SE	1.5	.2	.1		.2	.1						2.2	5.4
SSE	3.2	.3										3.5	2.1
S	2.3	.8	.3	.1								3.4	3.1
SSW	.6											.6	1.8
SW	.4		.1									.5	3.2
WSW	1.1	.2		.1								1.4	3.0
W	.9	.4	.3									1.6	3.8
WNW	.3	.1	.1									.5	4.4
NW	.9	.1										1.0	2.3
NNW	2.0	.5	.1									2.7	3.1
VARIABLE													
CALM	////////////////////											76.7	////
TOTALS	16.6	4.7	1.5	.2	.2	.1						100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	.1									1.9	2.3
NNE	.4	.5	.1								1.1	4.3
NE	.3										.3	1.3
NNE	.1										.1	1.0
E	.5	.2	.1								.9	3.1
ESE	.5	.4	.4	.2							1.6	5.7
SE	1.3	.1		.5	.2						2.2	6.6
SSE	2.0	.1	.1	.2							2.5	3.3
S	2.5	1.1	.4								4.0	3.5
SSW	.5	.2	.2								1.0	4.4
SW	.4	.3									.8	2.9
WSW	.6	.4	.1	.1							1.3	3.9
W	.6	.6	.6								1.9	4.7
WNW	.8	.2									1.0	2.4
NW	1.0	.2									1.2	2.4
NNW	1.8	.3									2.2	2.5
VARIABLE												
CALM	////////////////////////////////////										76.2	////
TOTALS	15.4	4.9	2.2	1.1	.2						100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	.4	.1								1.5	3.1
NNE	.3	.3	.3								1.0	4.6
NE	.2	.1		.1							.4	4.3
ENE	.1										.1	3.0
E	.2	.1									.3	2.7
ESE		.4	.5								1.0	6.6
SE	.8	.2	.2	.3							1.5	5.9
SSE	2.0	.4	.1	.2							2.8	3.4
S	1.3	1.0	.4								2.7	3.9
SSW	.8	.2	.1								1.1	3.0
SW	.5	.3	.3								1.2	4.2
WSW	.5	.3	.3	.1	.1						1.4	6.3
W	.6	.5	.4	.1							1.7	5.1
WNW	.1										.1	1.0
NW	.8	.4									1.2	2.6
NNW	1.8	.8									2.6	3.1
VARIABLE												
CALM	////////////////////										79.5	////
TOTALS	11.1	5.6	2.9	.9	.1						100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.5	.1									1.7	3.4
NNE	1.3	.2		.1								1.6	3.2
NE	.4		.2									.6	3.7
ENE	.3											.3	1.3
E	.2											.2	1.0
ESE	.4	.1										.5	2.2
SE	1.1	.3	.2	.6								2.3	6.3
SSE	2.5	.6	.1									3.2	2.8
S	1.6	.8	.2									2.6	3.3
SSW	.4	.1										.5	2.2
SW	.2	.3	.1									.6	4.2
WSW	.2	.5	.1	.1								1.0	5.1
W	1.2	.2	.5	.2	.1							2.3	5.5
WNW	.4	.2	.1	.2								1.0	5.6
NW	.1	.4										.5	4.2
NNW	2.0	.6										2.7	2.6
VARIABLE													
CALM	////////////////////											78.3	////
TOTALS	13.5	5.1	1.7	1.3	.1							100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	.3										2.4	2.2
NNE	.9	.2	.4									1.5	4.3
NE	.1		.2									.3	5.7
ENE	.2		.1									.3	3.3
E	.4	.1										.5	2.2
ESE	.1	.1	.1									.3	5.0
SE	1.7	.5		.5	.1							2.9	5.1
SSE	1.5		.3									1.8	3.1
S	1.4	.8	.2	.1	.1							2.6	4.4
SSW	.3		.1									.4	4.0
SW	.4	.1	.1									.6	3.7
WSW	.6		.1									.8	3.0
W	.9	.3	.6	.4								2.3	6.5
WNW	.3	.4										.8	3.4
NW	.5	.3										.9	2.5
NNW	2.9	.6										3.5	2.4
VARIABLE													
CALM	////////////////////											78.1	////
TOTALS	14.4	3.9	2.4	1.1	.2							100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	.5		.1							1.9	3.1
NNE	.5	.6	.5	.1							1.6	5.6
NE	.3		.1								.4	3.5
ENE	.1	.1									.2	3.5
E	.8		.2								1.0	3.1
ESE	.9	.3	.3	.3							1.8	5.4
SE	1.3	.3	.3	.3	.1						2.4	5.6
SSE	1.2	.6									1.8	2.8
S	1.8	1.1	.3								3.2	3.8
SSW	1.3	.3									1.6	2.5
SW		.4									.4	4.5
WSW	.3	.2									.5	4.0
W	.4	.4	.5	.2							1.6	6.7
WNW	.5	.1	.1								.8	3.1
NW	.8										.8	1.9
NNW	1.9	.4									2.4	2.4
VARIABLE												
CALM	////////////////////										77.3	////
TOTALS	13.4	5.6	2.5	1.1	.1						100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	.5	.3								2.2	3.6
NNE	.5	.4	.5	.1							1.6	5.5
NE	.3	.1	.1								.5	4.4
ENE	.1										.1	1.0
E	.1	.2									.3	3.3
ESE	.5	.1	.4	.1							1.2	5.7
SE	1.0	.3	.4	.4	.1						2.3	6.6
SSE	1.5	.1	.6								2.3	4.1
S	2.0	1.2	.3								3.5	3.3
SSW	1.4	.1									1.5	2.2
SW	.8	.2		.1							1.1	3.3
WSW	1.0	.2	.3	.1							1.6	4.5
W	.3	.2	.6								1.2	6.1
WNW	.6										.6	2.0
NW	.9	.3									1.2	2.5
NNW	2.4	.8	.1								3.2	2.9
VARIABLE												
CALM	////////////////////////////////////										75.6	////
TOTALS	14.7	4.8	3.9	.9	.1						100.0	1.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	.9										2.9	3.0
NNE	1.3	.4	.1									1.8	3.2
NE	.1	.1										.2	3.0
ENE	.3	.1										.4	2.8
E	.4	.2	.1									.8	3.1
ESE	.4	.2	.2									.9	4.4
SE	1.5	.5	.3	.1	.1							2.6	4.7
SSE	1.9	.4	.1	.3								2.8	4.0
S	2.4	1.3										3.7	2.8
SSW	1.2	.1										1.3	2.4
SW	.3	.1	.1									.5	3.6
WSW	.9	.3										1.2	3.2
W	.5	.9	.3									1.7	4.8
WNW	.9	.1	.3									1.3	4.0
NW	.6	.1										.8	2.3
NNW	.9	.5	.1									1.5	3.4
VARIABLE													
CALM	////////////////////											15.7	////
TOTALS	15.7	6.3	1.7	.4	.1							100.0	.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.4	.1	.0								2.0	2.9
NNL	.8	.5	.3	.0								1.5	4.3
NE	.2	.1	.1	.0								.4	3.7
ENE	.2	.0	.0									.3	2.3
E	.4	.1	.1									.6	2.9
ESE	.4	.3	.3	.1								1.1	5.2
SE	1.3	.3	.2	.4	.1	.0						2.3	5.7
SSE	2.0	.3	.2	.1								2.6	3.2
S	1.9	1.0	.3	.0	.0							3.2	3.5
SSW	.8	.1	.1									1.0	2.7
SW	.4	.2	.1	.0								.7	3.7
WSW	.7	.3	.1	.1	.0							1.1	4.2
W	.7	.5	.5	.1	.0							1.8	5.4
WNW	.5	.1	.1	.0								.8	3.6
NW	.7	.2										.9	2.5
NNW	2.0	.6	.0									2.6	2.8
VARIABLE													
CALP	////////////////////											77.2	////
TOTALS	14.4	5.1	2.3	.9	.1	.0						100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.8	.6	.1	.0							4.8	4.0
NNE	1.4	1.6	1.0	.2	.0							4.3	5.3
NF	.6	.5	.5	.2	.0	.0						1.8	5.8
FNE	.5	.3	.2	.0	.0							1.1	4.7
E	.7	.5	.3	.1	.0							1.6	4.6
FSE	.8	.6	.5	.1	.0							2.1	5.1
SE	1.8	.8	.6	.3	.1	.0	.0					3.6	5.1
SSF	3.2	1.1	.4	.1	.0	.0	.0					4.9	3.7
S	3.1	1.4	.3	.0	.0							5.0	3.2
SSW	1.6	.7	.1	.0								2.4	3.2
SW	1.2	.8	.2	.0	.0							2.4	3.8
WSW	1.7	1.6	.7	.1	.0							4.1	4.5
W	1.9	2.3	1.5	.3	.0							6.0	5.2
WNW	1.1	1.0	.5	.1		.0						2.7	4.7
NW	1.2	.7	.2	.0	.0	.0						2.1	3.7
NNW	2.1	1.3	.3	.0								3.7	3.5
VARIABLE													
CALM	////////////////////											47.5	////
TOTALS	25.2	17.2	8.1	1.8	.2	.0	.0					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 87636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(IST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7	.2	.0								1.9	3.7
NNE	.4	.6	.2	.1								1.3	5.0
NE	.1	.0	.0	.0		.0						.2	5.4
ENE	.1											.1	1.9
E	.2											.2	1.8
ESE	.5	.2	.0									.7	2.7
SE	1.4	.3	.0	.0								1.7	2.7
SSE	2.6	.6	.1	.1								3.4	2.8
S	3.6	1.7	.3	.3								5.7	3.1
SSW	2.7	1.2	.2									4.1	3.1
SW	2.4	1.6	.5	.1								4.6	3.9
WSW	3.6	3.6	1.9	.2	.0							9.3	4.7
W	2.6	4.3	3.4	.7	.0							10.9	5.9
WNW	.8	1.0	.5	.1								2.4	5.0
NW	.7	.4	.0									1.1	3.2
NNW	1.2	.6	.1									1.9	3.1
VARIABLE													
CALM	////////////////////											50.5	////
TOTALS	23.9	16.8	7.6	1.2	.0	.7						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 7091

PPPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP
PP

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT
TT

00000000
00000000
00 00
00 00
00 00
00 00
00 00
00 00
00 00
00000000
00000000

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
ORSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	41.5	47.3	48.0	48.6	50.2	50.2	51.1	51.6	51.6	52.2	53.5	53.7	55.8	56.8	57.6	57.8	
GE 20000	42.9	49.1	49.8	50.4	52.0	52.0	52.9	53.4	53.4	54.0	55.4	55.5	57.6	58.6	59.5	59.7	
GE 18000	46.6	52.9	53.5	54.2	55.8	55.8	56.7	57.2	57.2	57.7	59.1	59.2	61.4	62.4	63.2	63.4	
GE 16000	47.4	53.8	54.4	55.1	56.7	56.7	57.5	58.1	58.1	58.6	60.0	60.1	62.3	63.2	64.1	64.3	
GE 14000	47.8	54.2	54.8	55.5	57.1	57.1	58.0	58.5	58.5	59.0	60.4	60.5	62.7	63.7	64.5	64.7	
GE 12000	50.4	56.9	57.5	58.2	59.8	59.8	60.6	61.2	61.2	61.7	63.1	63.2	65.4	66.3	67.2	67.4	
GE 10000	52.7	59.7	60.3	61.0	62.6	62.6	63.4	64.0	64.0	64.5	65.9	66.0	68.2	69.1	70.0	70.2	
GE 9000	53.8	60.8	61.4	62.0	63.7	63.7	64.5	65.1	65.1	65.6	67.0	67.1	69.2	70.2	71.1	71.3	
GE 8000	61.0	69.0	69.8	70.4	72.2	72.2	73.0	73.5	73.5	74.1	75.5	75.6	77.7	78.7	79.6	79.8	
GE 7000	62.2	70.3	71.1	71.7	73.5	73.5	74.4	74.9	74.9	75.5	76.9	77.0	79.1	80.1	81.0	81.2	
GE 6000	62.3	70.4	71.2	71.8	73.7	73.7	74.5	75.1	75.1	75.6	77.0	77.1	79.2	80.2	81.1	81.3	
GE 5000	63.8	72.0	72.8	73.4	75.3	75.3	76.1	76.7	76.7	77.2	78.6	78.7	80.9	81.8	82.7	82.9	
GE 4500	64.3	73.7	74.4	75.1	77.3	77.3	78.2	78.7	78.7	79.2	80.6	80.8	82.9	83.9	84.7	84.9	
GE 4000	65.4	75.1	76.0	76.8	79.0	79.0	80.0	80.5	80.5	81.1	82.5	82.6	84.7	85.7	86.6	86.8	
GE 3500	66.0	75.8	76.8	77.6	80.1	80.3	81.3	81.8	81.8	82.4	83.8	83.9	86.0	87.0	87.8	88.1	
GE 3000	66.6	76.6	77.5	78.4	81.1	81.3	82.3	82.8	82.8	83.3	84.7	84.8	87.0	88.0	88.8	89.0	
GE 2500	67.2	77.5	78.5	79.4	82.0	82.3	83.2	83.9	83.9	84.4	85.8	85.9	88.1	89.0	89.9	90.1	
GE 2000	67.7	78.9	80.0	80.9	84.1	84.3	85.3	86.0	86.0	86.6	88.0	88.1	90.2	91.2	92.0	92.3	
GE 1800	67.7	79.1	80.2	81.2	84.5	84.7	85.7	86.5	86.5	87.0	88.4	88.5	90.6	91.6	92.5	92.7	
GE 1600	68.1	79.9	81.4	82.5	86.0	86.2	87.5	88.3	88.3	88.8	90.2	90.3	92.5	93.4	94.3	94.5	
GE 1400	68.1	80.0	81.6	82.8	86.3	86.7	88.0	89.1	89.1	89.7	91.3	91.4	93.5	94.5	95.4	95.6	
GE 1200	68.1	80.0	81.6	83.2	87.1	87.7	89.5	90.8	90.8	91.3	93.1	93.2	95.4	96.3	97.2	97.4	
GE 1000	68.1	80.0	81.6	83.3	87.2	87.6	89.6	90.9	90.9	91.4	93.2	93.3	95.5	96.5	97.3	97.5	
GE 900	68.1	80.0	81.7	83.4	87.3	88.0	89.7	91.0	91.0	91.5	93.3	93.4	95.6	96.6	97.4	97.6	
GE 800	68.1	80.0	81.7	83.4	87.3	88.0	89.8	91.1	91.1	91.6	93.4	93.5	95.7	96.7	97.5	97.7	
GE 700	68.1	80.0	81.7	83.4	87.3	88.0	89.8	91.1	91.1	91.6	93.4	93.5	95.7	96.7	97.5	97.7	
GE 600	68.1	80.0	81.7	83.4	87.3	88.0	89.8	91.1	91.1	91.6	93.4	93.5	95.7	96.7	97.5	97.7	
GE 500	68.1	80.1	81.8	83.7	87.6	88.3	90.1	91.4	91.4	91.9	93.8	93.9	96.0	97.0	97.8	98.1	
GE 400	68.1	80.4	82.2	84.0	88.0	88.6	90.4	91.7	91.7	92.3	94.1	94.2	96.3	97.3	98.3	98.5	
GE 300	68.1	80.4	82.2	84.0	88.1	88.7	90.5	91.8	91.8	92.4	94.2	94.3	96.6	97.5	98.5	98.7	
GE 200	68.2	80.5	82.3	84.1	88.2	88.8	90.6	92.0	92.0	92.6	94.4	94.5	96.8	97.7	98.8	99.1	
GE 100	68.2	80.5	82.3	84.1	88.2	88.8	90.6	92.0	92.0	92.6	94.4	94.5	96.8	97.7	98.8	99.1	
GE 0	68.3	80.6	82.4	84.2	88.3	88.9	90.8	92.2	92.2	92.7	94.5	94.6	96.9	97.8	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.0	43.0	43.8	44.2	46.6	46.6	46.8	47.8	48.1	49.0	50.1	50.3	51.4	52.3	53.7	54.1
GE 20000	39.2	45.6	46.3	46.8	49.1	49.1	49.4	50.4	50.6	51.6	52.8	53.0	54.1	54.9	56.3	56.8
GE 18000	42.2	49.0	49.8	50.2	52.6	52.6	52.8	53.9	54.1	55.1	56.2	56.5	57.5	58.4	59.8	60.2
GE 16000	42.8	50.1	50.9	51.3	53.7	53.7	53.9	54.9	55.2	56.1	57.3	57.5	58.6	59.5	60.9	61.3
GE 14000	43.3	50.6	51.4	51.8	54.2	54.2	54.4	55.5	55.7	56.7	57.8	58.1	59.1	60.0	61.4	61.8
GE 12000	44.7	52.3	53.0	53.4	55.8	55.8	56.0	57.1	57.3	58.3	59.5	59.7	60.8	61.6	63.0	63.4
GE 10000	48.8	57.0	57.7	58.2	60.5	60.5	60.8	61.8	62.0	63.0	64.2	64.4	65.5	66.3	67.7	68.2
GE 9000	50.4	58.6	59.4	59.8	62.2	62.2	62.4	63.4	63.7	64.6	65.8	66.0	67.1	68.0	69.4	69.8
GE 8000	56.9	65.9	66.7	67.1	70.0	70.0	70.2	71.3	71.5	72.5	73.7	73.9	74.9	75.8	77.2	77.6
GE 7000	58.7	68.5	69.2	69.7	72.6	72.6	72.9	74.0	74.2	75.2	76.3	76.6	77.6	78.5	79.9	80.3
GE 6000	59.7	68.7	69.5	69.9	72.8	72.8	73.1	74.2	74.4	75.4	76.6	76.8	77.8	78.7	80.1	80.5
GE 5000	59.4	69.6	70.3	70.8	73.7	73.7	74.0	75.1	75.3	76.2	77.4	77.6	78.7	79.6	81.0	81.4
GE 4500	60.4	71.5	72.4	72.9	75.9	75.9	76.2	77.3	77.5	78.5	79.7	79.9	81.0	81.8	83.2	83.7
GE 4000	61.3	72.8	73.7	74.2	77.4	77.4	77.7	78.8	79.0	80.0	81.2	81.4	82.5	83.3	84.7	85.2
GE 3500	61.9	73.7	74.5	75.2	78.8	78.9	79.2	80.3	80.5	81.5	82.7	82.9	84.0	84.8	86.2	86.7
GE 3000	62.4	74.2	75.3	75.9	79.7	79.9	80.2	81.3	81.5	82.5	83.7	83.9	84.9	85.8	87.2	87.6
GE 2500	63.0	75.4	76.5	77.1	81.3	81.5	81.8	82.9	83.1	84.1	85.3	85.5	86.6	87.4	88.8	89.2
GE 2000	63.4	76.0	77.1	77.7	82.2	82.5	82.8	84.1	84.3	85.3	86.5	86.7	87.7	88.6	90.0	90.4
GE 1800	63.4	76.1	77.2	77.8	82.4	82.7	83.0	84.3	84.5	85.5	86.7	86.9	88.0	88.8	90.2	90.6
GE 1500	64.1	77.6	78.7	79.5	84.4	84.8	85.4	86.8	87.0	88.0	89.1	89.4	90.4	91.3	92.7	93.1
GE 1200	64.4	78.0	79.0	80.1	85.2	85.6	86.2	88.0	88.2	89.1	90.3	90.5	91.6	92.5	93.9	94.3
GE 1000	64.5	78.1	79.1	80.4	85.7	86.6	87.5	89.4	89.7	90.6	91.8	92.0	93.1	94.0	95.4	95.8
GE 900	64.5	78.2	79.2	80.6	86.1	87.0	88.0	89.8	90.1	91.1	92.3	92.5	93.5	94.4	95.8	96.2
GE 800	64.5	78.2	79.5	80.9	86.3	87.3	88.5	90.3	90.8	91.7	93.1	93.3	94.4	95.3	96.7	97.1
GE 700	64.5	78.2	79.5	81.0	86.5	87.4	88.6	90.4	90.9	91.8	93.2	93.4	94.5	95.4	96.8	97.2
GE 600	64.5	78.2	79.5	81.1	86.7	87.6	88.8	90.6	91.1	92.0	93.4	93.7	94.7	95.6	97.0	97.4
GE 500	64.5	78.3	79.6	81.3	86.9	87.6	89.0	90.9	91.4	92.4	93.8	94.0	95.1	96.0	97.4	97.8
GE 400	64.5	78.4	79.7	81.4	87.0	88.0	89.1	91.0	91.5	92.5	93.9	94.1	95.4	96.3	97.8	98.5
GE 300	64.5	78.4	79.7	81.4	87.2	88.2	89.5	91.3	91.8	92.8	94.2	94.4	95.8	96.8	98.3	98.9
GE 200	64.5	78.4	79.7	81.4	87.2	88.2	89.5	91.3	91.8	92.8	94.2	94.4	95.8	96.8	98.3	99.1
GE 100	64.5	78.4	79.8	81.5	87.3	88.3	89.6	91.4	91.9	92.9	94.3	94.5	96.1	97.3	99.0	99.9
GE 0	64.5	78.4	79.8	81.5	87.3	88.3	89.6	91.4	91.9	92.9	94.3	94.5	96.2	97.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7J2650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	36.9	42.3	42.7	42.8	44.9	44.9	45.6	46.2	46.2	46.9	48.2	48.3	49.8	50.8	52.3	52.8		
GE 20000	38.9	44.5	44.9	45.1	47.2	47.2	47.8	48.5	48.5	49.1	50.6	50.8	52.3	53.2	54.7	55.3		
GE 18000	42.9	48.8	49.2	49.4	51.5	51.5	52.2	52.8	52.8	53.4	54.9	55.1	56.6	57.5	59.0	59.6		
GE 16000	43.9	50.0	50.4	50.5	52.7	52.7	53.3	54.0	54.0	54.6	56.1	56.2	57.7	58.7	60.2	60.8		
GE 14000	44.3	50.4	50.9	51.0	53.1	53.1	53.8	54.4	54.4	55.1	56.6	56.7	58.2	59.1	60.6	61.2		
GE 12000	45.5	51.8	52.3	52.4	54.5	54.5	55.2	55.8	55.8	56.5	58.0	58.1	59.6	60.5	62.0	62.6		
GE 10000	49.1	55.9	56.3	56.5	58.7	58.7	59.4	60.0	60.0	60.6	62.2	62.3	63.8	64.7	66.2	66.8		
GE 9000	51.2	58.0	58.4	58.5	60.8	60.8	61.4	62.0	62.0	62.7	64.2	64.3	65.8	66.8	68.3	68.8		
GE 8000	58.5	66.2	66.7	66.8	69.1	69.1	69.8	70.4	70.4	71.1	72.6	72.7	74.2	75.2	76.7	77.2		
GE 7000	60.1	68.2	68.6	68.8	71.3	71.3	71.9	72.6	72.6	73.2	74.7	74.8	76.3	77.3	78.8	79.4		
GE 6000	60.4	68.6	69.0	69.2	71.8	72.2	72.8	73.4	73.4	74.1	75.6	75.7	77.2	78.2	79.7	80.2		
GE 5000	60.8	69.2	69.7	69.9	72.5	72.8	73.4	74.1	74.1	74.7	76.2	76.3	77.8	78.8	80.3	80.9		
GE 4500	62.6	71.3	71.8	72.0	74.9	75.3	75.9	76.6	76.6	77.2	78.7	78.8	80.3	81.3	82.8	83.3		
GE 4000	63.2	72.3	73.1	73.5	76.8	77.1	77.7	78.4	78.4	79.0	80.5	80.6	82.2	83.1	84.6	85.2		
GE 3500	63.9	73.1	74.0	74.4	77.7	78.1	78.7	79.4	79.4	80.0	81.5	81.6	83.1	84.1	85.6	86.1		
GE 3000	64.5	73.9	74.7	75.3	78.9	79.2	79.9	80.5	80.5	81.2	82.7	82.8	84.3	85.3	86.8	87.3		
GE 2500	65.2	74.9	75.8	76.3	80.2	80.5	81.2	81.8	81.8	82.5	84.0	84.1	85.6	86.6	88.1	88.6		
GE 2000	65.7	75.8	76.7	77.3	81.2	81.5	82.3	82.9	82.9	83.5	85.1	85.2	86.7	87.6	89.1	89.7		
GE 1800	65.7	75.9	76.8	77.4	81.3	81.6	82.4	83.0	83.0	83.7	85.2	85.3	86.8	87.7	89.2	89.8		
GE 1500	66.6	77.5	78.7	79.5	83.4	83.8	84.6	85.6	85.6	86.2	87.7	87.8	89.4	90.3	91.8	92.4		
GE 1200	66.8	77.8	79.0	80.1	84.2	84.7	85.8	86.9	86.9	87.5	89.0	89.1	90.6	91.6	93.1	93.7		
GE 1000	67.1	78.2	79.4	80.4	85.3	85.9	87.3	88.6	88.6	89.2	90.8	90.9	92.4	93.3	94.8	95.4		
GE 900	67.3	78.4	79.6	81.0	86.2	86.9	88.3	89.6	89.6	90.2	91.7	91.8	93.3	94.3	95.8	96.3		
GE 800	67.5	78.6	79.8	81.3	86.7	87.3	88.7	90.0	90.0	90.6	92.5	92.6	94.1	95.1	96.6	97.1		
GE 700	67.5	78.6	79.8	81.3	86.7	87.3	88.7	90.0	90.0	90.6	92.6	92.7	94.2	95.2	96.7	97.3		
GE 600	67.5	78.6	79.8	81.4	86.8	87.4	88.8	90.1	90.1	90.8	92.7	92.8	94.3	95.3	96.8	97.4		
GE 500	67.5	78.9	80.1	81.7	87.3	88.1	89.5	90.8	90.8	91.4	93.3	93.4	94.9	95.9	97.5	98.2		
GE 400	67.5	78.9	80.1	81.7	87.4	88.2	89.6	90.9	90.9	91.5	93.4	93.5	95.1	96.0	97.6	98.3		
GE 300	67.5	78.9	80.1	81.7	87.6	88.4	89.8	91.1	91.1	91.7	93.7	93.8	95.3	96.5	98.1	98.7		
GE 200	67.5	78.9	80.1	81.7	87.6	88.4	89.8	91.1	91.1	91.7	93.7	93.8	95.4	96.7	98.6	99.4		
GE 100	67.5	78.9	80.1	81.7	87.6	88.4	89.8	91.1	91.1	91.7	93.8	93.9	95.7	97.0	98.9	99.8		
GE 0	67.5	78.9	80.1	81.7	87.6	88.4	89.8	91.1	91.1	91.7	93.8	93.9	95.9	97.2	99.1	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	36.0	38.3	38.6	39.2	40.4	40.6	41.0	41.5	41.6	41.9	43.1	43.3	44.6	45.6	47.2	48.5
GE 20000	37.0	39.5	39.8	40.5	41.7	41.9	42.3	42.8	42.9	43.2	44.5	44.7	46.0	47.0	48.6	49.9
GE 18000	40.5	43.1	43.5	44.4	45.6	45.8	46.1	46.8	46.9	47.2	48.5	48.7	50.0	51.0	52.6	53.9
GE 16000	41.6	44.3	44.7	45.6	46.8	47.0	47.3	48.1	48.2	48.5	49.8	50.0	51.3	52.3	53.9	55.2
GE 14000	42.9	45.6	46.0	46.9	48.1	48.3	48.6	49.4	49.5	49.8	51.1	51.3	52.6	53.5	55.2	56.5
GE 12000	46.3	49.1	49.6	50.4	51.6	51.8	52.2	52.9	53.0	53.3	54.6	54.8	56.1	57.1	58.7	60.0
GE 10000	51.9	54.7	55.2	56.1	57.3	57.5	57.8	58.6	58.7	59.0	60.3	60.5	61.8	62.8	64.4	65.7
GE 9000	53.9	56.7	57.1	58.1	59.4	59.6	59.9	60.6	60.8	61.1	62.4	62.6	63.9	64.8	66.5	67.7
GE 8000	62.0	65.1	65.5	66.5	68.1	68.3	68.7	69.5	69.6	69.9	71.2	71.5	72.9	73.9	75.5	76.8
GE 7000	64.6	68.0	68.4	69.4	71.0	71.2	71.6	72.4	72.5	72.8	74.1	74.4	75.8	76.8	78.4	79.7
GE 6000	65.3	68.8	69.2	70.3	71.9	72.3	72.8	73.5	73.7	74.0	75.3	75.6	77.0	78.0	79.6	80.9
GE 5000	66.2	70.1	70.5	71.6	73.3	73.7	74.2	74.9	75.1	75.4	76.8	77.1	78.5	79.5	81.1	82.4
GE 4500	67.6	71.5	72.0	73.2	75.2	75.5	76.0	76.8	76.9	77.2	78.6	78.9	80.3	81.3	82.9	84.2
GE 4000	68.3	72.9	73.7	74.9	77.2	77.6	78.2	79.1	79.2	79.6	81.1	81.4	82.8	83.8	85.4	86.7
GE 3500	69.2	74.1	74.8	76.1	78.5	78.9	79.5	80.4	80.5	80.9	82.4	82.7	84.1	85.1	86.7	88.0
GE 3000	69.7	75.2	76.1	77.5	80.3	80.8	81.5	82.5	82.6	82.9	84.4	84.7	86.2	87.2	88.8	90.1
GE 2500	69.8	75.7	76.7	78.2	81.1	81.5	82.4	83.3	83.4	83.9	85.4	85.7	87.2	88.2	89.8	91.1
GE 2000	70.0	76.1	77.1	78.7	81.8	82.4	83.3	84.5	84.6	85.1	86.7	87.0	88.5	89.5	91.1	92.4
GE 1800	70.0	76.2	77.2	78.8	81.9	82.5	83.4	84.7	84.8	85.4	87.0	87.3	88.8	89.8	91.4	92.7
GE 1500	70.6	77.5	78.8	80.5	83.8	84.3	85.4	86.7	86.8	87.3	88.9	89.2	90.8	91.7	93.3	94.6
GE 1200	70.9	77.8	79.1	80.9	84.3	84.8	86.0	87.5	87.6	88.2	89.8	90.1	91.6	92.6	94.2	95.5
GE 1000	71.0	78.0	79.2	81.0	84.5	85.1	86.5	88.1	88.2	88.7	90.3	90.6	92.3	93.2	94.8	96.1
GE 900	71.3	78.6	79.9	81.6	85.2	85.8	87.2	88.8	88.9	89.5	91.1	91.4	93.0	94.0	95.6	96.9
GE 800	71.4	78.7	80.0	81.7	85.3	85.9	87.3	88.9	89.0	89.6	91.2	91.5	93.1	94.1	95.7	97.1
GE 700	71.4	78.7	80.0	81.7	85.4	86.0	87.5	89.1	89.2	89.8	91.4	91.7	93.3	94.3	95.9	97.3
GE 600	71.4	78.7	80.0	81.7	85.4	86.0	87.5	89.1	89.2	89.8	91.4	91.7	93.3	94.3	95.9	97.3
GE 500	71.6	79.0	80.3	82.0	85.7	86.3	88.1	89.7	89.8	90.5	92.3	92.6	94.2	95.2	96.8	98.2
GE 400	71.6	79.0	80.3	82.0	85.7	86.3	88.1	89.7	89.8	90.5	92.3	92.6	94.2	95.2	96.8	98.2
GE 300	71.6	79.0	80.3	82.0	85.8	86.5	88.2	89.9	90.0	90.8	92.5	92.8	94.5	95.7	97.3	98.8
GE 200	71.6	79.0	80.3	82.0	85.8	86.5	88.2	89.9	90.0	90.8	92.5	92.8	94.5	95.9	98.1	99.6
GE 100	71.6	79.0	80.3	82.0	85.8	86.5	88.3	90.0	90.1	90.9	92.7	93.0	94.8	96.2	98.5	100.0
GE 0	71.6	79.0	80.3	82.0	85.8	86.5	88.3	90.0	90.1	90.9	92.7	93.0	94.8	96.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	41.4	41.8	41.9	42.4	42.6	43.0	43.3	43.4	43.8	44.9	44.9	46.5	47.0	48.0	49.2
GE 20000	41.9	43.5	44.0	44.2	44.7	44.9	45.6	45.9	46.0	46.5	47.6	47.6	49.1	49.7	50.8	52.0
GE 18000	45.8	47.6	48.1	48.4	49.1	49.4	50.0	50.3	50.4	50.9	52.0	52.0	53.5	54.1	55.2	56.5
GE 16000	47.2	49.0	49.5	49.8	50.5	50.8	51.5	51.8	51.9	52.4	53.9	53.9	55.4	55.9	57.0	58.3
GE 14000	48.4	50.2	50.6	51.0	51.7	51.9	52.7	53.0	53.1	53.5	55.1	55.1	56.6	57.1	58.2	59.5
GE 12000	52.6	54.7	55.2	55.5	56.2	56.5	57.3	57.6	57.7	58.2	59.7	59.7	61.2	61.7	62.8	64.1
GE 10000	57.4	59.8	60.2	60.5	61.3	61.5	62.4	62.7	62.8	63.2	64.8	64.8	66.3	66.9	68.0	69.2
GE 9000	58.4	60.9	61.3	61.6	62.4	62.6	63.4	63.8	63.9	64.3	65.9	65.9	67.4	68.0	69.0	70.3
GE 8000	68.0	70.9	71.3	71.6	72.6	72.8	73.7	74.0	74.1	74.5	76.1	76.1	77.6	78.2	79.2	80.5
GE 7000	71.0	74.0	74.4	74.7	75.8	76.0	76.9	77.2	77.3	77.7	79.4	79.4	80.9	81.4	82.5	83.8
GE 6000	71.3	74.3	74.7	75.3	76.5	76.7	77.5	77.8	78.0	78.4	80.0	80.0	81.5	82.0	83.1	84.4
GE 5000	71.8	75.3	75.7	76.5	77.7	78.0	78.9	79.2	79.6	80.0	81.6	81.6	83.1	83.7	84.7	86.0
GE 4500	73.0	76.6	77.0	77.7	79.0	79.4	80.3	80.8	81.1	81.5	83.1	83.1	84.6	85.2	86.2	87.5
GE 4000	73.8	77.4	78.1	78.9	80.5	81.1	82.3	82.7	83.0	83.4	85.3	85.3	86.8	87.3	88.4	89.7
GE 3500	74.3	78.2	78.9	79.9	81.5	82.0	83.2	83.8	84.1	84.6	86.6	86.6	88.1	88.6	89.7	91.0
GE 3000	74.4	78.7	79.5	80.5	82.3	82.8	84.1	84.7	85.1	85.6	87.5	87.5	89.0	89.6	90.6	91.9
GE 2500	74.5	78.9	79.7	81.0	83.0	83.7	84.9	85.6	85.9	86.5	88.4	88.4	89.9	90.4	91.5	92.8
GE 2000	74.7	79.4	80.2	81.5	83.5	84.2	85.7	86.6	87.1	87.7	89.7	89.7	91.2	91.7	92.8	94.1
GE 1800	74.8	79.6	80.4	81.8	83.9	84.5	86.0	86.9	87.4	88.1	90.0	90.0	91.5	92.0	93.1	94.4
GE 1500	74.8	79.7	80.5	82.0	84.2	84.8	86.3	87.4	88.0	88.7	90.8	90.8	92.3	92.8	93.9	95.2
GE 1200	74.8	79.9	80.9	82.5	84.8	85.5	87.0	88.3	88.8	89.6	91.6	91.6	93.1	93.7	94.7	96.0
GE 1000	74.8	80.0	81.0	82.7	85.2	85.8	87.5	88.9	89.6	90.3	92.5	92.5	94.1	94.6	95.7	97.0
GE 900	74.8	80.2	81.2	82.9	85.4	86.0	87.7	89.1	89.8	90.5	92.7	92.7	94.3	94.8	95.9	97.2
GE 800	74.8	80.2	81.2	82.9	85.5	86.1	87.8	89.5	90.1	90.9	93.0	93.0	94.6	95.2	96.2	97.5
GE 700	74.9	80.4	81.4	83.1	85.9	86.6	88.4	90.0	90.6	91.4	93.5	93.5	95.2	95.7	96.8	98.1
GE 600	74.9	80.4	81.4	83.1	85.9	86.6	88.4	90.0	90.6	91.4	93.5	93.5	95.3	95.8	96.9	98.2
GE 500	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.3	97.6	98.9
GE 400	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.6	97.8	99.1
GE 300	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.6	97.8	99.1
GE 200	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.7	98.1	99.4
GE 100	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.7	98.3	100.0
GE 0	75.1	80.6	81.6	83.3	86.2	86.9	88.7	90.3	91.0	91.7	94.0	94.0	95.7	96.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

VISIBILITY IN STATUTE MILES																
CEILING	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
IN FEET																
NO CEIL	42.5	44.0	44.2	44.5	45.2	45.2	45.4	45.4	45.5	45.8	47.0	47.0	47.8	48.5	49.6	50.8
GE 20000	45.6	47.2	47.4	47.7	48.5	48.6	48.8	48.8	48.9	49.2	50.5	50.5	51.4	52.0	53.3	54.5
GE 18000	47.7	49.4	49.6	49.9	50.8	50.9	51.1	51.1	51.2	51.5	52.8	52.8	53.7	54.3	55.6	56.8
GE 16000	48.4	50.0	50.2	50.5	51.4	51.6	51.8	51.8	51.9	52.3	53.5	53.5	54.4	55.1	56.5	57.6
GE 14000	49.0	50.6	50.9	51.2	52.0	52.3	52.5	52.5	52.6	52.9	54.2	54.2	55.1	55.7	57.1	58.3
GE 12000	53.7	55.3	55.6	55.9	57.0	57.2	57.4	57.4	57.5	57.8	59.1	59.1	60.0	60.6	62.0	63.2
GE 10000	59.2	59.9	60.2	60.5	61.7	62.0	62.3	62.3	62.4	63.1	64.4	64.4	65.3	65.9	67.3	68.5
GE 9000	59.1	61.1	61.4	61.7	62.9	63.2	63.4	63.4	63.5	64.3	65.6	65.6	66.5	67.1	68.5	69.7
GE 8000	68.5	70.9	71.2	71.6	72.8	73.1	73.5	73.5	73.7	74.4	75.7	75.7	76.6	77.2	78.6	79.8
GE 7000	71.9	74.5	74.8	75.3	76.6	76.9	77.3	77.3	77.4	78.2	79.5	79.5	80.3	81.0	82.4	83.5
GE 6000	72.2	74.8	75.2	75.6	76.9	77.2	77.6	77.6	77.7	78.5	79.8	79.8	80.6	81.3	82.7	83.9
GE 5000	72.7	75.8	76.1	76.9	78.2	78.5	78.9	78.9	79.0	79.8	81.1	81.1	81.9	82.6	84.0	85.2
GE 4500	73.8	77.0	77.4	78.3	79.8	80.1	80.5	80.5	80.6	81.4	82.7	82.7	83.5	84.2	85.6	86.8
GE 4000	74.2	77.5	78.3	79.4	80.9	81.2	82.0	82.0	82.2	83.0	84.3	84.3	85.2	85.8	87.2	88.4
GE 3500	74.4	77.7	78.5	79.7	81.3	81.6	82.5	82.5	82.6	83.4	84.7	84.7	85.6	86.2	87.6	88.8
GE 3000	74.7	78.4	79.1	80.5	82.5	82.8	83.9	84.1	84.2	85.2	86.5	86.5	87.3	88.0	89.4	90.5
GE 2500	75.1	78.9	79.7	81.3	83.5	83.9	85.1	85.4	85.5	86.5	87.7	87.7	88.6	89.2	90.6	91.8
GE 2000	75.2	79.1	79.9	81.6	84.1	84.4	85.8	86.8	87.0	88.1	89.4	89.4	90.2	90.9	92.3	93.4
GE 1800	75.3	79.2	80.1	81.8	84.4	84.8	86.2	87.2	87.4	88.5	89.8	89.8	90.6	91.3	92.7	93.9
GE 1500	75.3	79.2	80.2	81.9	84.6	85.2	87.0	88.1	88.3	89.4	90.9	90.9	91.7	92.4	93.8	94.9
GE 1200	75.4	79.9	80.9	82.6	85.4	86.0	88.2	89.4	89.6	90.8	92.3	92.3	93.1	93.8	95.2	96.3
GE 1000	75.6	80.3	81.3	83.0	85.9	86.6	88.8	90.0	90.4	91.8	93.3	93.3	94.2	94.8	96.2	97.4
GE 900	75.6	80.3	81.3	83.0	85.9	86.6	88.8	90.0	90.4	91.8	93.3	93.3	94.2	94.8	96.2	97.4
GE 800	75.6	80.3	81.3	83.0	85.9	86.6	88.8	90.0	90.4	91.8	93.4	93.4	94.3	94.9	96.3	97.5
GE 700	75.6	80.3	81.3	83.0	85.9	86.6	88.8	90.1	90.5	91.9	93.7	93.7	94.5	95.2	96.6	97.7
GE 600	75.6	80.3	81.3	83.0	85.9	86.6	88.8	90.1	90.5	91.9	93.8	93.8	94.6	95.3	96.7	98.0
GE 500	75.6	80.4	81.4	83.1	86.0	86.8	89.0	90.3	91.0	92.4	94.3	94.3	95.3	96.0	97.4	98.7
GE 400	75.7	80.5	81.5	83.2	86.3	87.1	89.4	90.6	91.3	92.8	94.8	94.8	95.8	96.6	98.0	99.2
GE 300	75.7	80.5	81.5	83.2	86.3	87.1	89.4	90.6	91.3	92.8	94.8	94.8	96.0	96.8	98.2	99.5
GE 200	75.7	80.5	81.5	83.2	86.3	87.1	89.4	90.6	91.3	92.8	94.8	94.8	96.0	96.9	98.3	99.6
GE 100	75.7	80.5	81.5	83.2	86.3	87.1	89.4	90.6	91.3	92.8	94.8	94.8	96.0	97.0	98.7	100.0
GE 0	75.7	80.5	81.5	83.2	86.3	87.1	89.4	90.6	91.3	92.8	94.8	94.8	96.0	97.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	43.3	43.5	43.7	44.5	44.6	45.2	45.4	45.4	46.0	47.2	47.2	48.0	48.9	49.5	50.8
GE 20000	41.0	44.6	44.8	45.1	45.9	46.0	46.6	46.8	46.8	47.4	48.6	48.6	49.4	50.3	51.1	52.4
GE 18000	43.5	47.2	47.4	47.6	48.5	48.6	49.1	49.4	49.4	50.0	51.4	51.4	52.2	53.1	53.9	55.2
GE 16000	44.4	48.1	48.3	48.5	49.0	49.7	50.2	50.4	50.4	51.1	52.5	52.5	53.2	54.2	54.9	56.2
GE 14000	44.8	48.5	48.7	48.9	50.0	50.1	50.6	50.9	50.9	51.5	52.9	52.9	53.7	54.6	55.4	56.7
GE 12000	47.8	51.8	52.0	52.3	53.3	53.4	54.0	54.2	54.2	54.8	56.2	56.2	57.0	58.0	58.7	60.0
GE 10000	54.4	58.5	58.8	59.0	60.3	60.4	61.0	61.2	61.2	61.8	63.2	63.2	64.0	64.9	65.7	67.0
GE 9000	55.6	59.8	60.1	60.3	61.7	61.8	62.4	62.6	62.6	63.2	64.6	64.6	65.4	66.3	67.1	68.4
GE 8000	64.4	68.8	69.2	69.5	70.9	71.0	71.5	71.7	71.7	72.4	73.8	73.8	74.7	75.7	76.5	77.8
GE 7000	66.2	70.8	71.3	71.6	73.4	73.5	74.1	74.3	74.3	74.9	76.3	76.3	77.3	78.3	79.0	80.4
GE 6000	66.5	71.2	71.9	72.3	74.1	74.2	74.7	74.9	74.9	75.6	77.0	77.0	78.0	78.9	79.7	81.1
GE 5000	68.1	72.9	73.7	74.2	76.2	76.3	76.9	77.1	77.1	77.7	79.1	79.1	80.1	81.1	81.8	83.2
GE 4500	69.5	75.1	75.9	76.5	78.6	78.7	79.2	79.5	79.5	80.1	81.5	81.5	82.5	83.4	84.2	85.6
GE 4000	69.8	75.8	77.2	77.8	80.1	80.2	81.2	81.5	81.5	82.2	83.5	83.5	84.5	85.5	86.2	87.6
GE 3500	70.1	76.2	77.6	78.3	80.5	80.6	81.6	81.9	81.9	82.6	84.0	84.0	84.9	85.9	86.7	88.1
GE 3000	70.6	76.9	78.6	79.8	82.0	82.2	83.3	83.7	83.7	84.3	85.7	85.7	86.7	87.6	88.4	89.8
GE 2500	71.8	78.4	80.2	81.4	83.7	83.8	85.1	85.4	85.4	86.0	87.4	87.4	88.4	89.4	90.1	91.5
GE 2000	71.9	79.5	81.3	82.6	85.2	85.3	86.8	87.3	87.3	88.0	89.4	89.4	90.3	91.3	92.0	93.4
GE 1800	72.0	79.7	81.6	83.0	85.8	85.9	87.4	88.1	88.1	88.7	90.1	90.1	91.1	92.0	92.8	94.2
GE 1600	72.6	80.3	82.3	83.8	86.6	86.9	88.8	89.5	89.5	90.2	91.7	91.7	92.7	93.7	94.4	95.8
GE 1400	72.6	80.3	82.3	83.9	87.3	88.0	90.2	90.9	90.9	91.6	93.1	93.1	94.1	95.1	95.8	97.2
GE 1200	72.8	80.5	82.5	84.1	88.0	88.6	91.0	91.6	91.6	92.6	94.1	94.1	95.1	96.0	96.8	98.2
GE 900	73.0	80.8	82.7	84.3	88.2	88.8	91.2	91.8	91.8	92.8	94.3	94.3	95.3	96.2	97.0	98.4
GE 800	73.0	80.8	82.7	84.3	88.2	88.8	91.2	91.8	91.8	92.8	94.3	94.3	95.3	96.2	97.0	98.4
GE 700	73.0	80.8	82.7	84.3	88.2	88.8	91.2	91.8	91.8	92.9	94.4	94.4	95.4	96.3	97.1	98.5
GE 600	73.0	80.8	82.7	84.3	88.2	88.8	91.2	91.8	91.8	92.9	94.4	94.4	95.4	96.3	97.1	98.5
GE 500	73.0	80.9	82.9	84.6	88.5	89.1	91.5	92.2	92.2	93.2	94.7	94.7	95.7	96.7	97.4	98.8
GE 400	73.1	81.1	83.1	84.8	88.7	89.4	91.7	92.4	92.4	93.4	94.9	94.9	95.9	96.9	97.6	99.0
GE 300	73.1	81.2	83.2	84.9	88.9	89.6	91.9	92.6	92.6	93.7	95.3	95.3	96.3	97.4	98.2	99.6
GE 200	73.1	81.2	83.2	84.9	88.9	89.6	91.9	92.6	92.6	93.7	95.3	95.3	96.6	97.7	98.5	99.9
GE 100	73.1	81.2	83.2	84.9	88.9	89.6	91.9	92.6	92.6	93.7	95.3	95.3	96.6	97.7	98.6	100.0
GE 0	73.1	81.2	83.2	84.9	88.9	89.6	91.9	92.6	92.6	93.7	95.3	95.3	96.6	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS: 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.8	45.9	46.9	47.2	48.7	48.7	49.5	49.9	49.9	50.8	52.0	52.3	53.8	54.3	55.4	55.7
GE 20000	42.9	47.3	48.3	48.6	50.1	50.1	50.9	51.3	51.3	52.2	53.4	53.7	55.2	55.7	56.8	57.1
GE 18000	45.2	49.8	50.9	51.2	52.7	52.7	53.4	53.9	53.9	54.7	56.1	56.5	58.0	58.5	59.6	59.9
GE 16000	46.3	51.1	52.2	52.5	54.1	54.1	54.8	55.3	55.3	56.1	57.5	57.8	59.4	59.9	61.0	61.3
GE 14000	46.7	51.4	52.5	52.8	54.4	54.4	55.2	55.6	55.6	56.5	57.8	58.2	59.7	60.2	61.3	61.6
GE 12000	49.0	54.0	55.1	55.4	57.0	57.0	57.7	58.2	58.2	59.0	60.4	60.8	62.3	62.8	63.9	64.2
GE 10000	54.6	59.8	60.9	61.2	62.8	62.8	63.5	64.0	64.0	64.8	66.2	66.6	68.1	68.6	69.7	70.0
GE 9000	55.6	60.8	61.8	62.2	63.8	63.8	64.5	64.9	64.9	65.8	67.2	67.5	69.0	69.6	70.6	71.0
GE 8000	62.8	68.0	69.0	69.5	71.7	71.7	72.5	72.9	72.9	73.8	75.2	75.5	77.0	77.5	78.6	78.9
GE 7000	64.8	70.3	71.5	71.9	74.3	74.3	75.1	75.5	75.5	76.3	77.7	78.1	79.6	80.1	81.2	81.5
GE 6000	64.9	70.6	71.8	72.3	74.6	74.6	75.4	75.8	75.8	76.7	78.1	78.4	79.9	80.4	81.5	81.8
GE 5000	66.1	72.0	73.3	73.8	76.1	76.1	76.9	77.3	77.3	78.2	79.6	79.9	81.4	81.9	83.0	83.3
GE 4500	67.2	73.9	75.2	75.6	78.3	78.3	79.2	79.7	79.7	80.5	81.9	82.3	83.8	84.3	85.4	85.7
GE 4000	67.7	74.8	76.6	77.0	79.9	80.1	81.2	81.6	81.6	82.5	83.9	84.2	85.7	86.2	87.3	87.6
GE 3500	68.3	75.7	77.6	78.1	81.0	81.2	82.3	82.7	82.7	83.5	84.9	85.3	86.8	87.3	88.4	88.7
GE 3000	68.7	76.1	78.1	78.5	81.5	81.7	82.8	83.2	83.2	84.1	85.5	85.8	87.3	87.8	88.9	89.2
GE 2500	69.8	77.5	79.5	79.9	83.1	83.3	84.4	84.8	84.8	85.7	87.1	87.4	88.9	89.5	90.5	90.9
GE 2000	70.5	78.8	80.8	81.5	85.5	85.7	87.6	88.1	88.1	88.9	90.3	90.6	92.2	92.7	93.8	94.1
GE 1800	70.5	78.9	80.9	81.7	85.8	86.0	88.0	88.4	88.4	89.2	90.6	91.0	92.5	93.0	94.1	94.4
GE 1500	70.8	79.7	82.0	82.9	87.1	87.3	89.7	90.1	90.1	91.0	92.4	92.7	94.2	94.7	95.8	96.1
GE 1200	70.9	79.9	82.3	83.2	87.4	87.8	90.2	90.6	90.6	91.5	93.1	93.4	94.9	95.5	96.6	96.9
GE 1000	70.9	80.0	82.5	83.4	87.8	88.5	91.4	92.0	92.0	93.0	94.7	95.1	96.6	97.1	98.2	98.5
GE 900	71.0	80.1	82.6	83.5	88.0	88.6	91.6	92.3	92.3	93.2	95.1	95.4	96.9	97.4	98.5	98.8
GE 800	71.0	80.1	82.6	83.5	88.0	88.6	91.6	92.3	92.3	93.2	95.1	95.4	96.9	97.4	98.5	98.8
GE 700	71.0	80.1	82.6	83.5	88.0	88.6	91.7	92.4	92.4	93.3	95.2	95.5	97.0	97.5	98.6	98.9
GE 600	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.5	93.4	95.3	95.6	97.1	97.6	98.7	99.0
GE 500	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.5	93.4	95.3	95.6	97.1	97.6	98.7	99.0
GE 400	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.6	93.5	95.4	95.7	97.3	97.8	99.0	99.4
GE 300	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.6	93.5	95.5	95.8	97.4	98.2	99.4	99.7
GE 200	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.6	93.5	95.6	95.9	97.6	98.4	99.7	100.0
GE 100	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.6	93.5	95.6	95.9	97.6	98.4	99.7	100.0
GE 0	71.0	80.1	82.6	83.5	88.0	88.7	91.8	92.5	92.6	93.5	95.6	95.9	97.6	98.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.4	43.2	43.7	44.0	45.4	45.4	45.9	46.4	46.5	47.0	48.3	48.4	49.7	50.5	51.6	52.5	
GE 20000	41.2	45.2	45.7	46.0	47.4	47.5	48.0	48.5	48.6	49.2	50.4	50.6	51.9	52.7	53.9	54.7	
GE 18000	44.3	48.5	49.0	49.4	50.8	50.9	51.4	51.9	52.0	52.6	53.9	54.0	55.3	56.2	57.4	58.2	
GE 16000	45.3	49.5	50.1	50.5	51.9	52.0	52.6	53.1	53.1	53.7	55.1	55.2	56.5	57.3	58.5	59.4	
GE 14000	45.9	50.2	50.7	51.1	52.6	52.7	53.2	53.7	53.8	54.4	55.7	55.9	57.2	58.0	59.2	60.0	
GE 12000	48.8	53.2	53.8	54.2	55.7	55.8	56.3	56.8	56.9	57.5	58.8	59.0	60.3	61.1	62.3	63.1	
GE 10000	53.4	58.2	58.7	59.1	60.7	60.8	61.3	61.8	61.9	62.5	63.9	64.0	65.4	66.2	67.4	68.2	
GE 9000	54.7	59.6	60.1	60.5	62.1	62.2	62.7	63.2	63.3	64.0	65.3	65.5	66.8	67.6	68.8	69.6	
GE 8000	62.8	68.1	68.7	69.1	70.9	71.0	71.6	72.1	72.2	72.8	74.2	74.3	75.7	76.5	77.7	78.6	
GE 7000	64.9	70.6	71.2	71.6	73.6	73.7	74.3	74.8	74.8	75.5	76.9	77.0	78.4	79.2	80.4	81.2	
GE 6000	65.2	70.9	71.6	72.1	74.0	74.2	74.8	75.3	75.4	76.0	77.4	77.5	78.9	79.7	80.9	81.8	
GE 5000	66.1	72.1	72.8	73.4	75.4	75.5	76.2	76.7	76.8	77.4	78.8	78.9	80.3	81.1	82.3	83.2	
GE 4500	67.3	73.8	74.5	75.2	77.4	77.6	78.2	78.7	78.8	79.5	80.9	81.0	82.4	83.2	84.4	85.2	
GE 4000	68.0	74.8	75.8	76.6	79.0	79.2	80.0	80.6	80.7	81.3	82.8	82.9	84.3	85.1	86.3	87.1	
GE 3500	68.5	75.6	76.6	77.4	79.9	80.2	81.0	81.6	81.7	82.4	83.8	84.0	85.3	86.1	87.3	88.2	
GE 3000	69.0	76.2	77.4	78.3	81.0	81.3	82.2	82.8	82.9	83.6	85.1	85.2	86.6	87.4	88.6	89.4	
GE 2500	69.5	77.2	78.3	79.3	82.2	82.6	83.5	84.1	84.2	84.9	86.4	86.5	87.9	88.7	89.9	90.8	
GE 2000	69.9	78.0	79.1	80.2	83.4	83.8	84.9	85.8	85.9	86.6	88.1	88.2	89.6	90.4	91.6	92.5	
GE 1800	69.9	78.1	79.3	80.5	83.8	84.1	85.3	86.1	86.3	87.0	88.5	88.6	90.0	90.8	92.0	92.8	
GE 1500	70.3	78.9	80.3	81.6	85.0	85.4	86.8	87.8	87.9	88.7	90.2	90.3	91.7	92.5	93.8	94.6	
GE 1200	70.5	79.2	80.6	82.0	85.6	86.1	87.7	88.8	89.0	89.7	91.3	91.5	92.8	93.6	94.9	95.7	
GE 1000	70.6	79.4	80.8	82.3	86.2	86.8	88.7	89.9	90.1	91.0	92.6	92.7	94.1	94.9	96.1	97.0	
GE 900	70.7	79.6	81.0	82.5	86.5	87.2	89.0	90.3	90.5	91.3	93.0	93.1	94.5	95.3	96.5	97.4	
GE 800	70.7	79.6	81.1	82.6	86.6	87.3	89.2	90.5	90.7	91.5	93.2	93.4	94.8	95.6	96.8	97.6	
GE 700	70.8	79.6	81.1	82.7	86.7	87.4	89.3	90.6	90.8	91.7	93.4	93.6	95.0	95.8	97.0	97.8	
GE 600	70.8	79.6	81.1	82.7	86.8	87.5	89.4	90.7	90.9	91.7	93.5	93.6	95.1	95.9	97.1	97.9	
GE 500	70.8	79.8	81.3	82.9	87.0	87.8	89.7	91.0	91.2	92.1	93.9	94.1	95.5	96.3	97.6	98.5	
GE 400	70.8	79.9	81.4	83.0	87.2	87.9	89.9	91.1	91.4	92.3	94.1	94.2	95.7	96.6	97.8	98.7	
GE 300	70.8	79.9	81.4	83.0	87.3	88.0	90.0	91.3	91.5	92.4	94.2	94.4	95.9	96.9	98.2	99.1	
GE 200	70.8	79.9	81.4	83.0	87.3	88.0	90.0	91.3	91.5	92.4	94.3	94.4	96.0	97.1	98.5	99.5	
GE 100	70.8	79.9	81.4	83.1	87.3	88.0	90.0	91.3	91.6	92.5	94.4	94.5	96.2	97.3	98.8	99.9	
GE 0	70.8	79.9	81.4	83.1	87.3	88.0	90.0	91.3	91.6	92.5	94.4	94.5	96.2	97.3	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	42.0	51.9	52.7	53.5	54.8	54.8	56.0	56.6	56.9	57.2	58.0	58.6	59.8	59.8	60.0	60.0	
GE 20000	42.6	52.5	53.3	54.1	55.4	55.4	56.6	57.2	57.4	57.8	58.6	59.2	60.4	60.4	60.6	60.6	
GE 18000	45.2	55.4	56.3	57.1	58.4	58.4	59.6	60.2	60.4	60.8	61.6	62.2	63.4	63.4	63.6	63.6	
GE 16000	45.5	56.0	56.9	57.7	59.0	59.0	60.2	60.8	61.0	61.3	62.2	62.8	63.9	63.9	64.2	64.2	
GE 14000	45.6	56.1	57.0	57.8	59.1	59.1	60.3	60.9	61.1	61.5	62.3	62.9	64.1	64.1	64.3	64.3	
GE 12000	48.3	58.9	59.7	60.5	61.9	61.9	63.1	63.7	63.9	64.3	65.1	65.7	66.9	66.9	67.1	67.1	
GE 10000	51.1	62.6	63.5	64.3	65.7	65.7	66.9	67.5	67.7	68.1	68.9	69.5	70.7	70.7	70.9	70.9	
GE 9000	51.8	63.4	64.2	65.0	66.4	66.4	67.6	68.2	68.4	68.8	69.6	70.2	71.4	71.4	71.6	71.6	
GE 8000	55.7	68.0	68.8	69.6	71.6	71.6	72.8	73.5	73.8	74.2	75.1	75.7	76.8	76.8	77.1	77.1	
GE 7000	57.7	70.4	71.3	72.1	74.1	74.1	75.3	76.0	76.2	76.7	77.5	78.1	79.3	79.3	79.6	79.6	
GE 6000	57.9	71.0	71.9	72.7	74.7	74.7	75.9	76.6	76.8	77.3	78.1	78.7	79.9	79.9	80.1	80.1	
GE 5000	60.4	73.6	74.7	75.5	77.5	77.5	78.7	79.4	79.7	80.1	81.0	81.6	82.7	82.7	83.0	83.0	
GE 4500	62.3	76.2	77.3	78.1	80.7	80.7	81.9	82.6	82.9	83.3	84.2	84.8	85.9	85.9	86.2	86.2	
GE 4000	62.5	76.7	77.8	78.6	81.2	81.2	82.4	83.1	83.3	83.8	84.6	85.2	86.4	86.4	86.6	86.6	
GE 3500	63.2	78.1	79.2	80.0	82.7	82.7	83.9	84.6	84.9	85.3	86.2	86.8	87.9	87.9	88.2	88.2	
GE 3000	65.2	80.6	82.0	82.9	85.7	85.7	86.9	87.6	87.8	88.3	89.1	89.7	90.9	90.9	91.1	91.1	
GE 2500	65.8	81.7	83.1	83.9	86.8	86.8	87.9	88.7	88.9	89.4	90.2	90.8	92.0	92.0	92.2	92.2	
GE 2000	66.1	82.4	83.8	84.8	87.9	88.1	89.2	90.0	90.2	90.7	91.5	92.1	93.3	93.3	93.5	93.5	
GE 1800	66.4	82.7	84.2	85.1	88.3	88.4	89.6	90.3	90.5	91.0	91.8	92.4	93.6	93.6	93.9	93.9	
GE 1500	67.0	83.6	85.2	86.5	89.8	90.0	91.6	92.3	92.6	93.1	94.0	94.6	95.7	95.7	96.0	96.0	
GE 1200	67.0	83.9	85.6	86.9	90.3	90.4	92.2	92.9	93.1	93.7	94.6	95.2	96.3	96.3	96.6	96.6	
GE 1000	67.0	84.4	86.1	87.5	91.3	91.5	93.3	94.0	94.2	95.0	96.2	96.8	98.0	98.0	98.2	98.2	
GE 900	67.0	84.4	86.1	87.5	91.3	91.5	93.3	94.0	94.2	95.0	96.2	96.8	98.0	98.0	98.2	98.2	
GE 800	67.0	84.4	86.1	87.5	91.3	91.5	93.3	94.2	94.4	95.3	96.6	97.2	98.3	98.3	98.6	98.6	
GE 700	67.0	84.6	86.4	87.8	91.7	92.0	93.7	94.8	95.0	95.9	97.2	97.8	98.9	98.9	99.3	99.3	
GE 600	67.0	84.6	86.4	87.8	91.7	92.0	93.7	94.8	95.0	95.9	97.2	97.8	98.9	99.2	99.5	99.5	
GE 500	67.0	84.6	86.4	87.8	91.7	92.0	93.7	94.8	95.0	95.9	97.2	97.8	98.9	99.3	99.6	99.6	
GE 400	67.0	84.9	86.6	88.1	92.1	92.3	94.1	95.2	95.4	96.2	97.5	98.1	99.3	99.6	100.0	100.0	
GE 300	67.0	84.9	86.6	88.1	92.1	92.3	94.1	95.2	95.4	96.2	97.5	98.1	99.3	99.6	100.0	100.0	
GE 200	67.0	84.9	86.6	88.1	92.1	92.3	94.1	95.2	95.4	96.2	97.5	98.1	99.3	99.6	100.0	100.0	
GE 100	67.0	84.9	86.6	88.1	92.1	92.3	94.1	95.2	95.4	96.2	97.5	98.1	99.3	99.6	100.0	100.0	
GE 0	67.0	84.9	86.6	88.1	92.1	92.3	94.1	95.2	95.4	96.2	97.5	98.1	99.3	99.6	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.1	46.8	48.1	48.3	50.9	50.9	51.7	53.0	53.2	54.4	55.4	55.9	57.6	57.8	57.9	57.9	
GE 20000	39.5	48.2	49.5	49.8	52.4	52.4	53.1	54.4	54.6	55.8	56.9	57.3	59.0	59.2	59.3	59.3	
GE 18000	40.8	49.8	51.1	51.3	53.9	53.9	54.6	55.9	56.1	57.3	58.4	58.9	60.5	60.8	60.9	60.9	
GE 16000	41.4	50.4	51.7	51.9	54.5	54.5	55.2	56.5	56.7	57.9	59.0	59.5	61.1	61.3	61.5	61.5	
GE 14000	41.8	50.8	52.1	52.4	55.0	55.0	55.7	57.0	57.2	58.4	59.5	59.9	61.6	61.8	61.9	61.9	
GE 12000	44.9	54.0	55.3	55.6	58.2	58.2	58.9	60.2	60.4	61.6	62.6	63.1	64.8	65.0	65.1	65.1	
GE 10000	46.9	57.2	58.5	58.7	61.3	61.3	62.1	63.4	63.6	64.8	65.8	66.3	68.0	68.2	68.3	68.3	
GE 9000	47.6	57.9	59.2	59.5	62.1	62.1	62.8	64.1	64.3	65.5	66.5	67.0	68.7	68.9	69.0	69.0	
GE 8000	52.6	63.7	65.0	65.2	68.2	68.2	68.9	70.2	70.4	71.6	72.7	73.2	74.8	75.1	75.2	75.2	
GE 7000	54.1	65.8	67.1	67.5	70.8	70.8	71.5	72.8	73.0	74.2	75.3	75.8	77.4	77.7	77.8	77.8	
GE 6000	54.3	66.2	67.5	67.8	71.2	71.2	71.9	73.2	73.4	74.6	75.7	76.1	77.8	78.0	78.1	78.1	
GE 5000	56.3	68.7	70.0	70.3	73.6	73.6	74.3	75.7	75.9	77.1	78.1	78.6	80.3	80.5	80.6	80.6	
GE 4500	58.4	71.3	72.6	72.9	76.5	76.5	77.2	78.5	78.7	79.9	81.0	81.4	83.1	83.3	83.5	83.5	
GE 4000	58.7	72.5	73.9	74.3	77.9	77.9	78.6	79.9	80.1	81.3	82.4	82.9	84.5	84.8	84.9	84.9	
GE 3500	59.8	74.0	75.4	75.9	79.4	79.4	80.1	81.4	81.7	82.9	83.9	84.4	86.1	86.3	86.4	86.4	
GE 3000	61.8	76.7	78.3	78.8	82.7	82.7	83.5	84.8	85.0	86.2	87.2	87.7	89.4	89.6	89.7	89.7	
GE 2500	62.6	77.9	79.4	80.0	83.9	83.9	84.6	85.9	86.2	87.4	88.4	88.9	90.5	90.8	90.9	90.9	
GE 2000	62.9	78.7	80.3	81.1	85.3	85.3	86.3	87.7	87.9	89.2	90.3	90.8	92.4	92.7	92.8	92.8	
GE 1800	62.9	79.0	80.5	81.3	85.6	85.6	86.5	87.9	88.2	89.5	90.5	91.0	92.7	92.9	93.0	93.0	
GE 1600	63.0	79.2	80.7	81.9	86.9	86.9	88.2	89.6	89.8	91.1	92.2	92.7	94.3	94.6	94.7	94.7	
GE 1400	63.0	79.3	80.9	82.2	87.1	87.1	88.5	90.0	90.3	91.6	92.8	93.3	94.9	95.2	95.3	95.3	
GE 1200	63.2	79.9	81.9	83.6	88.9	88.9	90.4	91.8	92.3	93.6	94.8	95.3	96.9	97.2	97.3	97.3	
GE 1000	63.2	80.0	82.0	83.7	89.0	89.0	90.5	92.0	92.4	93.7	94.9	95.4	97.0	97.3	97.4	97.4	
GE 900	63.4	80.1	82.2	83.8	89.1	89.1	90.7	92.1	92.6	94.0	95.2	95.6	97.3	97.5	97.6	97.6	
GE 800	63.4	80.4	82.4	84.0	89.4	89.4	90.9	92.3	92.8	94.2	95.4	95.9	97.8	98.2	98.3	98.3	
GE 600	63.4	80.4	82.4	84.0	89.4	89.4	90.9	92.7	93.1	94.6	95.7	96.2	98.1	98.6	98.7	98.7	
GE 500	63.4	80.4	82.4	84.0	89.4	89.4	91.0	92.8	93.4	94.9	96.1	96.6	98.5	99.1	99.2	99.2	
GE 400	63.6	80.6	82.6	84.3	89.7	89.7	91.4	93.1	93.7	95.3	96.5	96.9	98.8	99.4	99.5	99.5	
GE 300	63.6	80.7	82.7	84.4	90.1	90.1	91.7	93.5	94.1	95.6	96.8	97.3	99.2	99.8	99.9	99.9	
GE 200	63.6	80.7	82.7	84.4	90.1	90.1	91.7	93.5	94.1	95.6	96.8	97.3	99.2	99.8	100.0	100.0	
GE 100	63.6	80.7	82.7	84.4	90.1	90.1	91.7	93.5	94.1	95.6	96.8	97.3	99.2	99.8	100.0	100.0	
GE 0	63.6	80.7	82.7	84.4	90.1	90.1	91.7	93.5	94.1	95.6	96.8	97.3	99.2	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.8	45.4	46.2	46.9	48.2	48.8	49.2	50.7	50.7	51.9	53.1	53.4	55.3	55.9	56.3	56.4
GE 20000	38.9	46.5	47.3	48.0	49.3	49.9	50.2	51.8	51.8	53.0	54.1	54.5	56.4	57.0	57.3	57.4
GE 18000	40.3	47.9	48.7	49.4	50.7	51.3	51.7	53.2	53.2	54.4	55.6	55.9	57.8	58.4	58.7	58.9
GE 16000	40.8	48.3	49.2	49.9	51.2	51.8	52.1	53.7	53.7	54.8	56.0	56.4	58.3	58.9	59.2	59.3
GE 14000	40.9	48.6	49.4	50.1	51.4	52.0	52.4	53.9	53.9	55.1	56.3	56.6	58.5	59.1	59.5	59.6
GE 12000	44.2	52.8	53.7	54.4	55.8	56.5	56.9	58.4	58.4	59.6	60.8	61.1	63.0	63.6	63.9	64.1
GE 10000	47.8	56.5	57.3	58.0	59.5	60.2	60.5	62.1	62.1	63.2	64.4	64.8	66.7	67.3	67.6	67.7
GE 9000	48.0	57.2	58.0	58.7	60.2	61.0	61.3	62.9	62.9	64.1	65.2	65.6	67.5	68.1	68.4	68.6
GE 8000	53.7	63.5	64.3	65.1	66.7	67.5	67.8	69.4	69.4	70.6	71.7	72.1	74.0	74.6	74.9	75.1
GE 7000	55.1	64.9	65.7	66.5	68.4	69.3	69.6	71.2	71.2	72.3	73.5	73.9	75.8	76.4	76.7	76.8
GE 6000	55.6	66.1	66.9	67.7	69.6	70.4	70.8	72.3	72.3	73.5	74.7	75.1	77.0	77.5	77.9	78.0
GE 5000	56.6	68.0	68.9	69.7	71.7	72.6	72.9	74.5	74.5	75.7	76.8	77.2	79.1	79.7	80.0	80.1
GE 4500	59.2	70.9	71.9	72.7	74.9	75.8	76.1	77.7	77.7	78.8	80.0	80.4	82.3	82.9	83.2	83.3
GE 4000	59.8	72.2	73.3	74.1	76.4	77.2	77.5	79.1	79.1	80.3	81.4	81.8	83.7	84.3	84.6	84.8
GE 3500	60.5	73.0	74.2	75.1	77.4	78.3	78.6	80.1	80.1	81.3	82.5	82.9	84.8	85.3	85.7	85.8
GE 3000	61.2	74.3	75.8	76.6	79.3	80.1	80.6	82.2	82.2	83.3	84.5	84.9	86.8	87.4	87.7	87.8
GE 2500	62.1	75.7	77.1	78.1	81.1	81.9	82.5	84.0	84.0	85.2	86.4	86.8	88.7	89.2	89.6	89.7
GE 2000	62.4	76.6	78.5	79.8	83.5	84.4	85.0	86.5	86.5	87.7	88.9	89.2	91.3	91.8	92.2	92.3
GE 1800	62.4	76.8	78.7	80.3	83.9	84.9	85.5	87.0	87.0	88.2	89.4	89.7	91.7	92.3	92.7	92.8
GE 1500	62.9	77.3	79.6	81.2	85.1	86.3	87.4	88.9	88.9	90.1	91.3	91.6	93.6	94.2	94.6	94.7
GE 1200	67.0	77.5	79.9	81.9	85.8	87.1	88.2	89.7	89.7	90.9	92.1	92.4	94.4	95.0	95.4	95.5
GE 1000	63.0	78.0	80.4	82.4	86.4	87.7	88.8	90.4	90.4	91.6	92.8	93.1	95.2	95.7	96.1	96.2
GE 900	63.0	78.0	80.4	82.4	86.4	87.7	88.9	90.5	90.5	91.7	92.9	93.3	95.3	95.9	96.2	96.3
GE 800	63.0	78.0	80.4	82.4	86.4	87.7	88.9	90.5	90.7	91.8	93.0	93.4	95.4	96.0	96.3	96.5
GE 700	63.0	78.5	81.0	83.0	87.0	88.3	89.6	91.4	91.5	92.7	93.9	94.2	96.2	97.0	97.4	97.5
GE 600	63.1	78.6	81.1	83.1	87.1	88.4	89.7	91.5	91.6	92.9	94.2	94.6	96.8	97.6	98.0	98.1
GE 500	63.1	78.6	81.1	83.1	87.1	88.5	89.8	91.6	91.8	93.1	94.4	94.8	97.2	98.1	98.5	98.6
GE 400	63.2	79.0	81.4	83.7	87.7	89.1	90.4	92.2	92.4	93.7	95.0	95.4	97.8	98.7	99.2	99.3
GE 300	63.2	79.1	81.6	83.8	87.8	89.2	90.5	92.3	92.6	93.9	95.2	95.5	97.9	98.8	99.4	99.5
GE 200	63.2	79.1	81.6	83.8	87.8	89.2	90.5	92.3	92.6	93.9	95.2	95.5	97.9	98.8	99.5	99.6
GE 100	63.2	79.1	81.6	83.8	87.8	89.2	90.5	92.3	92.6	93.9	95.2	95.5	98.0	98.9	99.6	99.9
GE 0	63.2	79.1	81.6	83.8	87.8	89.2	90.5	92.3	92.6	93.9	95.2	95.5	98.0	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.1	39.1	40.3	40.8	42.0	42.2	42.7	43.5	43.7	45.3	45.7	46.3	49.2	49.5	50.8	51.4
GE 20000	37.0	40.1	41.4	41.8	43.0	43.3	43.7	44.6	44.8	46.3	46.8	47.4	50.2	50.6	51.9	52.5
GE 18000	40.2	43.4	44.7	45.3	46.5	46.7	47.2	48.0	48.2	49.8	50.2	50.8	53.7	54.0	55.4	56.1
GE 16000	42.0	45.2	46.5	47.0	48.2	48.5	48.9	49.8	50.0	51.5	52.0	52.6	55.4	55.8	57.2	57.9
GE 14000	42.9	46.2	47.5	48.1	49.3	49.5	50.0	50.8	51.1	52.6	53.1	53.7	56.5	56.9	58.3	59.0
GE 12000	46.5	50.2	51.7	52.2	53.5	53.9	54.4	55.2	55.4	57.1	57.6	58.2	61.0	61.3	62.8	63.5
GE 10000	50.6	54.6	56.1	56.7	58.0	58.4	58.9	59.7	59.9	61.6	62.1	62.6	65.5	65.8	67.3	68.0
GE 9000	51.1	55.2	56.7	57.3	58.6	59.0	59.5	60.3	60.5	62.2	62.6	63.2	66.1	66.4	67.8	68.6
GE 8000	57.2	61.8	63.5	64.1	65.4	65.7	66.2	67.0	67.3	68.9	69.4	70.0	72.8	73.2	74.6	75.3
GE 7000	60.4	65.5	67.3	68.2	69.7	70.2	70.7	71.5	71.7	73.4	73.9	74.5	77.3	77.7	79.1	79.8
GE 6000	61.9	67.0	68.8	69.7	71.4	71.9	72.3	73.2	73.4	75.1	75.5	76.1	79.0	79.3	80.7	81.4
GE 5000	63.2	68.4	70.2	71.3	73.0	73.5	74.0	74.8	75.1	76.7	77.2	77.8	80.6	81.0	82.4	83.1
GE 4500	64.5	69.9	71.6	72.8	74.7	75.2	75.8	76.6	76.8	78.5	79.0	79.6	82.4	82.7	84.2	84.9
GE 4000	65.4	71.3	73.4	74.8	76.8	77.3	78.0	79.0	79.2	80.9	81.3	81.9	84.8	85.1	86.5	87.2
GE 3500	66.1	72.2	74.3	75.8	77.9	78.4	79.1	80.0	80.4	82.0	82.5	83.1	85.9	86.3	87.7	88.4
GE 3000	66.4	72.9	75.2	77.0	79.7	80.1	81.1	82.2	82.5	84.3	84.8	85.3	88.2	88.5	90.0	90.7
GE 2500	66.9	73.6	75.9	77.8	80.6	81.1	82.2	83.2	83.6	85.3	85.8	86.4	89.2	89.6	91.0	91.7
GE 2000	67.5	74.2	77.0	78.8	81.9	82.7	84.0	85.1	85.5	87.2	87.8	88.4	91.3	91.6	93.0	93.7
GE 1800	68.0	74.7	77.4	79.4	82.5	83.3	84.6	85.7	86.1	87.8	88.4	89.0	91.8	92.2	93.6	94.3
GE 1500	68.0	75.2	77.9	79.9	83.2	84.2	86.2	87.4	87.7	89.5	90.1	90.7	93.5	93.9	95.3	96.0
GE 1200	68.1	75.3	78.0	80.0	83.3	84.4	86.4	87.8	88.2	90.1	90.7	91.3	94.1	94.4	95.9	96.6
GE 1000	68.1	75.4	78.4	80.4	83.7	84.9	86.9	88.3	88.8	90.7	91.3	91.8	94.7	95.0	96.5	97.2
GE 900	68.1	75.4	78.4	80.4	83.7	84.9	86.9	88.3	88.8	90.7	91.3	91.8	94.7	95.0	96.5	97.4
GE 800	68.1	75.5	78.5	80.5	83.8	85.0	87.1	88.5	89.0	91.0	91.7	92.3	95.3	95.6	97.2	98.2
GE 600	68.3	75.8	78.7	80.7	84.0	85.2	87.4	88.8	89.2	91.4	92.1	92.7	95.6	96.1	97.6	98.8
GE 500	68.3	75.8	78.7	80.7	84.0	85.2	87.4	88.8	89.2	91.5	92.2	92.8	95.7	96.2	97.8	98.9
GE 400	68.3	75.9	78.8	80.9	84.2	85.3	87.5	88.9	89.4	91.6	92.3	93.0	96.0	96.6	98.2	99.4
GE 300	68.3	75.9	78.8	80.9	84.2	85.3	87.5	88.9	89.4	91.7	92.4	93.1	96.1	96.7	98.3	99.5
GE 200	68.3	75.9	78.8	80.9	84.2	85.3	87.5	88.9	89.4	91.7	92.4	93.1	96.3	96.9	98.6	99.8
GE 100	68.3	75.9	78.8	80.9	84.2	85.3	87.5	88.9	89.4	91.7	92.4	93.1	96.3	96.9	98.6	99.9
GE CL	68.3	75.9	78.8	80.9	84.2	85.3	87.5	88.9	89.4	91.7	92.4	93.1	96.3	96.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	6	5	4	3	2	1 1/2	GE	2	GE	1 1/2	1 1/4	GE	1	GE	3/4
NO CEIL	45.5	48.2	48.9	49.3	50.0	50.2	50.6	51.5	51.5	52.2	53.1	53.1	53.9	54.0	54.1	54.5
GE 20000	46.3	49.1	49.8	50.1	50.8	51.1	51.4	52.4	52.4	53.1	53.9	53.9	54.7	54.8	55.0	55.3
GE 18000	50.7	53.9	54.7	55.1	55.9	56.1	56.5	57.4	57.4	58.2	59.0	59.0	59.8	59.9	60.0	60.4
GE 16000	52.6	56.0	56.9	57.2	58.0	58.3	58.6	59.6	59.6	60.3	61.1	61.1	61.9	62.1	62.2	62.5
GE 14000	53.7	57.1	58.0	58.4	59.2	59.5	59.8	60.8	60.8	61.5	62.3	62.3	63.1	63.2	63.4	63.7
GE 12000	58.3	61.8	62.8	63.1	63.9	64.2	64.5	65.5	65.5	66.2	67.0	67.0	67.8	68.0	68.1	68.4
GE 10000	62.6	66.2	67.1	67.5	68.3	68.6	68.9	69.9	69.9	70.6	71.4	71.4	72.2	72.3	72.5	72.8
GE 9000	62.8	66.3	67.3	67.6	68.4	68.7	69.0	70.0	70.0	70.7	71.5	71.5	72.3	72.5	72.6	72.9
GE 8000	69.9	73.6	74.6	74.9	75.8	76.0	76.4	77.4	77.4	78.1	79.1	79.1	79.9	80.0	80.1	80.5
GE 7000	71.7	76.4	77.3	77.7	78.7	79.0	79.3	80.4	80.4	81.1	82.0	82.0	82.9	83.0	83.1	83.5
GE 6000	72.8	77.4	78.5	79.0	80.4	80.6	81.0	82.0	82.0	82.7	83.7	83.7	84.5	84.6	84.8	85.1
GE 5000	73.5	78.4	79.4	79.9	81.3	81.6	81.9	83.0	83.0	83.8	84.8	84.8	85.6	85.7	85.8	86.2
GE 4500	74.7	79.9	81.0	81.6	83.0	83.2	83.6	84.6	84.6	85.7	86.6	86.6	87.5	87.6	87.7	88.1
GE 4000	75.1	81.0	82.5	83.1	84.6	84.9	85.5	86.6	86.6	88.2	89.1	89.1	90.0	90.1	90.2	90.5
GE 3500	75.9	82.0	83.6	84.2	85.9	86.2	86.8	87.9	88.2	89.6	90.5	90.5	91.4	91.5	91.6	92.0
GE 3000	76.0	82.6	84.2	84.9	87.2	87.5	88.2	89.8	90.1	91.7	92.7	92.8	93.6	93.7	93.9	94.2
GE 2500	76.7	83.5	85.0	85.7	88.1	88.5	89.2	90.9	91.1	92.8	93.7	93.9	94.7	94.8	94.9	95.3
GE 2000	76.8	83.9	85.5	86.2	88.8	89.6	90.4	92.1	92.3	94.0	94.9	95.0	95.9	96.0	96.1	96.5
GE 1800	77.0	84.0	85.6	86.3	88.9	89.7	90.5	92.3	92.6	94.2	95.2	95.3	96.1	96.2	96.3	96.7
GE 1500	77.2	84.4	86.1	86.8	89.4	90.2	91.1	92.9	93.4	95.0	96.0	96.1	96.9	97.0	97.2	97.5
GE 1200	77.3	84.6	86.3	87.1	89.7	90.5	91.7	93.5	94.0	95.6	96.6	96.7	97.5	97.6	97.8	98.1
GE 1000	77.3	84.6	86.3	87.2	89.8	90.7	92.0	93.7	94.2	95.9	96.8	97.0	98.1	98.2	98.3	98.7
GE 900	77.3	84.6	86.3	87.2	89.8	90.7	92.0	93.7	94.2	95.9	96.8	97.3	98.3	98.5	98.6	98.9
GE 800	77.3	84.6	86.3	87.2	89.8	90.7	92.0	93.7	94.2	95.9	96.8	97.3	98.3	98.5	98.6	98.9
GE 700	77.3	84.6	86.3	87.2	89.8	90.7	92.1	94.0	94.4	96.2	97.2	97.6	98.9	99.1	99.2	99.5
GE 600	77.3	84.6	86.3	87.2	89.8	90.7	92.1	94.0	94.4	96.2	97.3	97.8	99.2	99.3	99.4	99.8
GE 500	77.3	84.6	86.3	87.2	89.8	90.7	92.1	94.0	94.4	96.2	97.4	97.9	99.3	99.4	99.5	99.9
GE 400	77.3	84.6	86.3	87.2	89.8	90.7	92.1	94.0	94.4	96.2	97.4	97.9	99.3	99.4	99.5	99.9
GE 300	77.3	84.6	86.3	87.2	89.8	90.7	92.1	94.0	94.4	96.2	97.4	97.9	99.3	99.4	99.5	99.9
GE 200	77.3	84.6	86.4	87.4	90.0	90.8	92.2	94.1	94.6	96.3	97.5	98.0	99.4	99.5	99.6	100.0
GE 100	77.3	84.6	86.4	87.4	90.0	90.8	92.2	94.1	94.6	96.3	97.5	98.0	99.4	99.5	99.6	100.0
GE 0	77.3	84.6	86.4	87.4	90.0	90.8	92.2	94.1	94.6	96.3	97.5	98.0	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	53.5	55.6	55.6	55.9	56.1	56.1	56.4	56.6	56.6	56.6	56.7	56.9	56.9	56.9	56.9	57.0	57.0	
GE 20000	54.8	56.9	57.2	57.3	57.6	57.6	57.8	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	
GE 18000	60.5	62.6	63.0	63.2	63.5	63.5	63.7	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	
GE 16000	61.6	63.9	64.3	64.5	64.8	64.8	65.0	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	
GE 14000	63.1	65.5	66.0	66.2	66.4	66.4	66.7	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.3	67.3	
GE 12000	66.5	69.0	69.5	69.7	70.0	70.0	70.2	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	
GE 10000	70.2	72.8	73.3	73.5	73.8	73.8	74.0	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	
GE 9000	70.7	73.3	73.8	74.0	74.2	74.2	74.5	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	
GE 8000	78.6	81.3	81.8	82.0	82.4	82.4	82.6	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	
GE 7000	79.7	82.5	83.2	83.7	84.3	84.3	84.5	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	
GE 6000	80.0	83.0	83.7	84.2	84.9	84.9	85.1	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	
GE 5000	81.1	84.0	84.8	85.2	85.9	85.9	86.2	86.5	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9	
GE 4500	81.3	84.5	85.2	85.9	86.6	86.6	87.0	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	
GE 4000	81.4	85.3	86.1	87.1	88.1	88.1	88.3	88.7	89.1	89.1	89.5	89.7	89.7	89.7	89.7	89.8	89.8	
GE 3500	82.2	86.5	87.2	88.3	89.2	89.5	89.8	90.3	90.3	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.0	
GE 3000	82.9	87.7	88.4	89.7	91.0	91.3	91.7	92.2	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	
GE 2500	83.8	88.7	89.5	90.8	92.3	92.6	93.0	93.5	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	
GE 2000	83.9	89.0	89.8	91.1	92.7	92.9	93.4	94.0	94.6	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	
GE 1800	84.0	89.1	90.0	91.3	92.9	93.1	93.6	94.2	94.8	95.5	95.7	95.7	95.7	95.7	95.7	95.9	95.9	
GE 1500	84.5	89.6	90.5	92.0	93.6	93.9	94.4	95.2	95.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	
GE 1200	84.9	90.0	90.9	92.3	94.0	94.2	94.8	95.5	96.1	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4	
GE 1000	84.9	90.0	90.9	92.3	94.0	94.2	94.9	95.6	96.3	97.3	97.5	97.5	97.5	97.6	97.6	97.8	97.8	
GE 900	84.9	90.0	90.9	92.4	94.2	94.4	95.2	96.0	96.7	97.9	98.2	98.2	98.2	98.6	98.7	98.8	98.8	
GE 800	84.9	90.0	90.9	92.4	94.2	94.4	95.2	96.0	96.7	98.0	98.3	98.5	98.5	98.8	98.9	99.1	99.1	
GE 700	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.0	98.3	98.7	98.8	99.2	99.4	99.4	99.5	99.5	
GE 600	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.0	98.3	98.7	98.8	99.2	99.4	99.5	99.5	99.5	
GE 500	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.5	99.5	99.8	99.9	99.9	
GE 400	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.5	99.5	99.8	99.9	99.9	
GE 300	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.6	99.6	99.9	100.0	100.0	
GE 200	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.6	99.6	99.9	100.0	100.0	
GE 100	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.6	99.6	99.9	100.0	100.0	
GE 0	84.9	90.0	91.0	92.6	94.3	94.6	95.3	96.3	97.2	98.5	98.8	98.9	99.6	99.6	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.0	53.7	54.4	54.5	55.4	55.4	56.0	56.5	56.6	57.8	58.0	58.0	58.3	58.4	58.4	58.4	58.4
GE 20000	49.4	56.0	56.7	56.9	57.8	57.8	58.4	58.9	59.0	60.2	60.4	60.4	60.6	60.8	60.8	60.8	60.8
GE 18000	53.4	60.0	60.8	61.2	62.2	62.2	62.9	63.4	63.5	64.7	64.9	64.9	65.1	65.2	65.2	65.2	65.2
GE 16000	54.1	61.3	62.1	62.6	63.6	63.6	64.3	64.8	64.9	66.1	66.3	66.3	66.5	66.7	66.7	66.7	66.7
GE 14000	55.3	62.5	63.2	63.8	64.8	64.8	65.5	66.0	66.1	67.3	67.5	67.5	67.7	67.8	67.8	67.8	67.8
GE 12000	58.6	65.8	66.5	67.1	68.1	68.1	68.8	69.3	69.4	70.6	70.8	70.8	71.0	71.2	71.2	71.2	71.2
GE 10000	63.6	70.9	71.9	72.5	73.4	73.4	74.1	74.6	74.7	75.9	76.1	76.1	76.4	76.5	76.5	76.5	76.5
GE 9000	63.8	71.2	72.1	72.7	73.6	73.6	74.3	74.8	74.9	76.1	76.4	76.4	76.6	76.7	76.7	76.7	76.7
GE 8000	69.4	77.9	78.8	79.4	80.7	80.7	81.4	81.9	82.0	83.2	83.5	83.5	83.7	83.8	83.8	83.8	83.8
GE 7000	70.6	79.7	80.6	81.2	82.5	82.5	83.2	83.7	83.8	85.0	85.2	85.2	85.5	85.6	85.6	85.6	85.6
GE 6000	70.9	80.3	81.2	81.8	83.1	83.1	83.8	84.3	84.4	85.6	85.8	85.8	86.1	86.2	86.2	86.2	86.2
GE 5000	71.3	80.7	81.7	82.3	84.0	84.0	84.8	85.2	85.3	86.5	86.8	86.8	87.0	87.1	87.1	87.1	87.1
GE 4500	73.0	82.7	83.7	84.5	86.5	86.5	87.2	87.7	87.8	89.0	89.2	89.2	89.5	89.6	89.6	89.6	89.6
GE 4000	73.2	83.1	84.0	85.0	87.2	87.4	88.1	88.5	88.7	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.4
GE 3500	73.5	84.2	85.1	86.1	88.3	88.4	89.1	89.7	89.8	91.0	91.3	91.3	91.5	91.6	91.6	91.6	91.6
GE 3000	74.0	84.9	86.1	87.4	89.6	89.7	90.4	91.0	91.1	92.3	92.6	92.6	92.8	92.9	92.9	92.9	92.9
GE 2500	75.1	86.3	87.6	89.0	91.4	91.5	92.2	92.8	92.9	94.1	94.3	94.3	94.6	94.7	94.7	94.7	94.7
GE 2000	75.4	86.9	88.2	89.7	92.4	92.6	93.7	94.4	94.6	95.7	96.0	96.0	96.2	96.3	96.3	96.3	96.3
GE 1800	75.7	87.1	88.4	90.0	92.7	92.8	94.0	94.7	94.8	96.0	96.2	96.2	96.5	96.6	96.6	96.6	96.6
GE 1500	75.7	87.1	88.5	90.1	92.8	93.1	94.7	95.4	95.5	96.7	96.9	96.9	97.2	97.3	97.3	97.3	97.3
GE 1200	75.7	87.1	88.5	90.1	93.0	93.4	94.9	95.6	95.7	96.9	97.2	97.2	97.4	97.5	97.5	97.5	97.5
GE 1000	75.7	87.2	88.7	90.2	93.1	93.6	95.2	96.0	96.2	97.4	97.6	97.6	97.9	98.0	98.0	98.0	98.0
GE 900	75.7	87.2	88.7	90.2	93.5	94.0	95.5	96.3	96.6	97.9	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 800	75.7	87.2	88.7	90.2	93.6	94.1	95.6	96.5	96.7	98.0	98.3	98.3	98.7	99.1	99.1	99.1	99.1
GE 700	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6
GE 600	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6
GE 500	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0
GE 400	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0
GE 300	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0
GE 200	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0
GE 100	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0
GE 0	75.7	87.2	89.0	90.5	94.0	94.4	96.0	96.8	97.0	98.3	99.2	99.2	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G
NO CEIL	47.0	55.6	56.3	56.7	58.4	58.4	58.7	60.0	60.4	60.9	61.3	61.3	62.3	62.3	62.3	62.4
GE 20000	48.2	56.7	57.4	57.9	59.6	59.6	59.9	61.2	61.6	62.1	62.5	62.5	63.5	63.5	63.5	63.6
GE 18000	50.5	59.1	59.9	60.4	62.2	62.2	62.5	63.8	64.2	64.7	65.1	65.1	66.1	66.1	66.1	66.2
GE 16000	50.7	59.9	60.8	61.2	63.0	63.0	63.4	64.7	65.0	65.5	66.0	66.0	66.9	66.9	66.9	67.0
GE 14000	51.4	60.6	61.5	61.9	63.7	63.7	64.1	65.4	65.7	66.2	66.7	66.7	67.6	67.6	67.6	67.7
GE 12000	53.9	63.1	63.9	64.4	66.2	66.2	66.5	67.8	68.2	68.7	69.1	69.1	70.1	70.1	70.1	70.2
GE 10000	56.6	66.3	67.3	67.7	69.5	69.5	69.9	71.2	71.5	72.0	72.5	72.5	73.4	73.4	73.4	73.5
GE 9000	57.1	66.8	67.7	68.2	70.0	70.0	70.3	71.6	72.0	72.5	72.9	72.9	73.9	73.9	73.9	74.0
GE 8000	61.0	71.9	72.8	73.4	75.2	75.2	75.5	77.2	77.5	78.0	78.5	78.5	79.4	79.4	79.4	79.6
GE 7000	62.5	73.8	74.8	75.4	77.2	77.2	77.5	79.2	79.6	80.0	80.5	80.5	81.4	81.4	81.4	81.6
GE 6000	63.0	74.3	75.5	76.1	77.9	77.9	78.3	79.9	80.3	80.7	81.2	81.2	82.2	82.2	82.2	82.3
GE 5000	63.9	75.9	77.2	77.8	79.7	79.7	80.0	81.7	82.0	82.5	83.0	83.0	83.9	83.9	83.9	84.0
GE 4500	65.6	78.3	79.7	80.5	82.5	82.5	82.9	84.5	84.9	85.3	85.8	85.8	86.8	86.8	86.8	86.9
GE 4000	66.1	79.6	81.0	81.9	84.0	84.0	84.4	86.1	86.4	86.9	87.4	87.4	88.3	88.3	88.3	88.4
GE 3500	66.5	81.0	82.4	83.3	85.5	85.5	85.8	87.5	87.8	88.3	88.8	88.8	89.7	89.7	89.7	89.8
GE 3000	68.1	83.2	84.9	85.8	88.2	88.2	88.5	90.2	90.5	91.0	91.5	91.5	92.4	92.4	92.4	92.6
GE 2500	68.6	84.0	85.8	86.8	89.1	89.1	89.5	91.1	91.5	92.0	92.4	92.4	93.4	93.4	93.4	93.5
GE 2000	68.9	85.3	87.1	88.2	90.8	91.3	91.6	93.3	93.6	94.1	94.6	94.6	95.5	95.5	95.5	95.6
GE 1800	69.1	85.8	87.6	88.7	91.3	91.7	92.1	93.7	94.1	94.6	95.0	95.0	96.0	96.0	96.0	96.1
GE 1500	69.1	86.3	88.1	89.1	92.0	92.6	93.3	94.9	95.3	95.7	96.2	96.2	97.2	97.2	97.2	97.3
GE 1200	69.1	86.3	88.1	89.2	92.1	92.7	93.4	95.0	95.4	95.9	96.3	96.3	97.3	97.3	97.3	97.4
GE 1000	69.1	86.4	88.2	89.5	92.4	93.1	93.9	95.6	96.0	96.5	96.9	96.9	97.9	97.9	97.9	98.0
GE 900	69.1	86.4	88.2	89.5	92.4	93.1	93.9	95.6	96.1	96.8	97.3	97.3	98.2	98.2	98.2	98.3
GE 800	69.1	86.4	88.2	89.5	92.4	93.1	93.9	95.6	96.1	96.8	97.3	97.3	98.2	98.2	98.2	98.3
GE 700	69.1	86.5	88.3	89.6	92.6	93.3	94.0	95.9	96.3	97.0	97.5	97.5	98.5	98.6	98.6	98.9
GE 600	69.1	86.5	88.3	89.6	92.6	93.3	94.0	95.9	96.3	97.2	97.6	97.6	98.6	98.8	99.1	99.2
GE 500	69.1	86.5	88.3	89.6	92.6	93.3	94.0	95.9	96.3	97.2	97.6	97.6	98.6	98.8	99.1	99.2
GE 400	69.1	86.6	88.4	89.7	92.9	93.6	94.3	96.2	96.8	97.6	98.1	98.1	99.1	99.3	99.5	99.6
GE 300	69.1	86.6	88.4	89.7	92.9	93.6	94.3	96.2	96.8	97.6	98.1	98.1	99.1	99.3	99.5	99.9
GE 200	69.1	86.6	88.4	89.7	92.9	93.6	94.3	96.2	96.8	97.8	98.2	98.2	99.2	99.6	99.9	100.0
GE 100	69.1	86.6	88.4	89.7	92.9	93.6	94.3	96.2	96.8	97.8	98.2	98.2	99.2	99.6	99.9	100.0
GE 0	69.1	86.6	88.4	89.7	92.9	93.6	94.3	96.2	96.8	97.8	98.2	98.2	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.4	49.5	50.3	50.8	52.0	52.1	52.7	53.6	53.7	54.6	55.2	55.5	56.6	56.8	57.1	57.3
GE 20000	44.6	50.7	51.6	52.0	53.2	53.4	53.9	54.8	54.9	55.8	56.4	56.7	57.9	58.1	58.3	58.5
GE 18000	47.7	54.0	54.9	55.4	56.6	56.8	57.3	58.2	58.4	59.2	59.9	60.1	61.3	61.5	61.8	62.0
GE 16000	48.6	55.1	56.0	56.5	57.8	57.9	58.5	59.4	59.5	60.4	61.0	61.3	62.5	62.6	62.9	63.1
GE 14000	49.3	55.9	56.8	57.3	58.6	58.7	59.3	60.2	60.3	61.2	61.8	62.1	63.3	63.5	63.8	63.9
GE 12000	52.7	59.5	60.4	60.9	62.2	62.4	62.9	63.8	64.0	64.8	65.5	65.7	66.9	67.1	67.4	67.6
GE 10000	56.2	63.4	64.4	64.9	66.2	66.4	66.9	67.8	68.0	68.8	69.5	69.7	70.9	71.1	71.4	71.5
GE 9000	56.6	63.9	64.9	65.4	66.7	66.9	67.4	68.3	68.5	69.3	70.0	70.2	71.4	71.6	71.9	72.1
GE 8000	62.2	70.2	71.2	71.7	73.2	73.4	74.0	75.0	75.1	76.0	76.6	76.9	78.1	78.3	78.6	78.7
GE 7000	64.0	72.4	73.4	74.0	75.7	75.9	76.5	77.5	77.6	78.5	79.1	79.4	80.6	80.8	81.1	81.2
GE 6000	64.6	73.2	74.2	74.9	76.6	76.8	77.4	78.4	78.5	79.4	80.1	80.3	81.5	81.7	82.0	82.1
GE 5000	65.8	74.7	75.9	76.5	78.4	78.6	79.1	80.1	80.2	81.1	81.8	82.0	83.2	83.4	83.7	83.9
GE 4500	67.4	76.7	77.9	78.6	80.7	80.9	81.5	82.5	82.6	83.5	84.2	84.5	85.7	85.8	86.1	86.3
GE 4000	67.8	77.7	79.0	79.9	82.0	82.3	82.9	83.9	84.1	85.1	85.8	86.0	87.2	87.4	87.7	87.8
GE 3500	68.5	78.9	80.2	81.1	83.3	83.5	84.2	85.2	85.4	86.4	87.1	87.3	88.5	88.7	89.0	89.2
GE 3000	69.5	80.4	81.8	82.9	85.4	85.7	86.4	87.5	87.7	88.8	89.5	89.7	90.9	91.1	91.4	91.6
GE 2500	70.2	81.4	82.9	84.0	86.7	86.9	87.6	88.8	89.0	90.1	90.8	91.0	92.2	92.4	92.7	92.9
GE 2000	70.5	82.1	83.8	85.0	87.9	88.4	89.2	90.4	90.6	91.7	92.4	92.7	93.9	94.1	94.4	94.5
GE 1800	70.7	82.4	84.0	85.3	88.3	88.7	89.6	90.7	91.0	92.1	92.8	93.1	94.3	94.4	94.7	94.9
GE 1500	70.9	82.8	84.6	85.9	89.1	89.6	90.9	92.1	92.4	93.5	94.2	94.5	95.7	95.8	96.1	96.3
GE 1200	71.0	83.0	84.8	86.2	89.4	90.0	91.3	92.5	92.8	94.0	94.7	94.9	96.2	96.3	96.6	96.8
GE 1000	71.0	83.2	85.1	86.6	90.0	90.6	91.9	93.2	93.6	94.7	95.5	95.8	97.0	97.2	97.5	97.7
GE 900	71.0	83.3	85.1	86.7	90.0	90.7	92.0	93.3	93.7	94.9	95.7	96.0	97.3	97.5	97.8	98.0
GE 800	71.1	83.3	85.1	86.7	90.1	90.7	92.0	93.4	93.8	95.1	95.8	96.2	97.5	97.7	98.0	98.2
GE 700	71.1	83.4	85.4	86.9	90.3	90.9	92.3	93.8	94.1	95.5	96.3	96.6	98.0	98.3	98.7	98.9
GE 600	71.1	83.5	85.4	87.0	90.4	91.0	92.4	93.8	94.2	95.6	96.5	96.8	98.2	98.6	98.9	99.2
GE 500	71.1	83.5	85.4	87.0	90.4	91.0	92.4	93.9	94.3	95.7	96.6	96.9	98.4	98.8	99.2	99.4
GE 400	71.1	83.6	85.5	87.1	90.6	91.2	92.6	94.1	94.5	95.9	96.9	97.2	98.7	99.1	99.5	99.7
GE 300	71.1	83.6	85.6	87.1	90.6	91.3	92.7	94.1	94.6	96.0	96.9	97.3	98.7	99.2	99.6	99.8
GE 200	71.1	83.6	85.6	87.2	90.7	91.3	92.7	94.2	94.6	96.0	97.0	97.3	98.8	99.3	99.7	99.9
GE 100	71.1	83.6	85.6	87.2	90.7	91.3	92.7	94.2	94.6	96.0	97.0	97.3	98.8	99.3	99.7	100.0
GE 0	71.1	83.6	85.6	87.2	90.7	91.3	92.7	94.2	94.6	96.0	97.0	97.3	98.8	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS: 0000-0200

CEILING																				
IN FEET	1	10	6	5	4	3	2	1 1/2	VISIBILITY IN STATUTE MILES									1	1/4	0
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE			
NO CEIL	60.2	65.1	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4			
GE 20000	62.4	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6			
GE 18000	64.0	69.0	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4			
GE 16000	64.0	69.0	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4			
GE 14000	64.5	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9			
GE 12000	66.0	71.4	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7			
GE 10000	69.5	75.5	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8			
GE 9000	71.2	77.2	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5			
GE 8000	75.1	81.7	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0			
GE 7000	80.2	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5			
GE 6000	80.6	87.6	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0			
GE 5000	81.9	89.1	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5			
GE 4500	82.9	90.4	90.4	90.9	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6			
GE 4000	83.4	91.3	91.6	91.7	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8			
GE 3500	83.7	91.7	92.2	92.3	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4			
GE 3000	84.0	92.5	93.2	93.3	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8			
GE 2500	84.1	92.9	93.7	93.8	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5			
GE 2000	84.5	94.0	94.9	95.1	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8			
GE 1800	84.6	94.1	95.1	95.2	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9			
GE 1500	84.8	94.6	95.9	96.2	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3			
GE 1200	84.9	94.7	96.1	96.5	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE 1000	84.9	94.8	96.2	96.6	98.3	98.4	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4			
GE 900	84.9	94.8	96.2	96.6	98.3	98.4	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4			
GE 800	84.9	94.8	96.2	96.6	98.4	98.5	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5			
GE 700	84.9	94.8	96.2	96.6	98.4	98.5	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5			
GE 600	84.9	94.8	96.2	96.6	98.5	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
GE 500	84.9	94.8	96.2	96.6	98.5	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
GE 400	84.9	94.8	96.2	96.6	98.5	98.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 300	84.9	94.8	96.2	96.6	98.5	98.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 200	84.9	94.8	96.2	96.6	98.5	98.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 100	84.9	94.8	96.2	96.6	98.5	98.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 0	84.9	94.8	96.2	96.6	98.5	98.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	1 1/2	GE 1 1/4	GE 1	3/4	5/8	1/2	5/16	1/4	GE 0
NO CEIL		60.5	64.5	64.8	64.8	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 20000		62.3	66.6	66.9	66.9	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 18000		64.1	68.8	69.1	69.1	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 16000		64.3	69.0	69.4	69.4	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 14000		64.9	69.7	70.0	70.0	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 12000		66.3	71.4	71.7	71.7	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
GE 10000		68.2	73.9	74.2	74.2	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
GE 9000		69.4	75.1	75.4	75.4	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 8000		72.6	79.1	79.6	79.6	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 7000		76.7	83.7	84.1	84.1	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 6000		76.8	83.9	84.3	84.3	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 5000		78.7	85.9	86.3	86.3	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 4500		80.1	88.0	88.8	88.8	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 4000		80.9	88.7	89.6	89.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 3500		81.2	89.2	90.1	90.2	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 3000		81.2	89.7	90.6	91.0	92.5	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 2500		81.5	90.3	91.3	91.6	93.3	93.7	93.9	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 2000		81.8	91.4	92.7	93.2	95.2	95.5	95.7	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 1800		81.8	91.5	92.9	93.4	95.4	95.7	95.9	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 1500		82.2	92.4	94.0	94.5	96.6	97.0	97.2	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 1200		82.3	92.5	94.1	94.6	96.7	97.1	97.3	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 1000		82.5	92.8	94.4	95.2	97.2	97.6	97.8	98.0	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 900		82.6	92.9	94.5	95.3	97.3	97.7	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 800		82.6	92.9	94.5	95.3	97.3	97.7	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 700		82.6	92.9	94.5	95.5	97.5	98.0	98.5	98.6	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 600		82.6	92.9	94.5	95.5	97.5	98.0	98.5	98.6	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 500		82.6	92.9	94.5	95.5	97.5	98.0	98.5	98.6	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 400		82.7	93.0	94.6	95.6	97.6	98.1	98.6	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 300		82.7	93.0	94.6	95.6	97.6	98.1	98.6	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 200		82.7	93.0	94.6	95.6	97.6	98.1	98.8	98.9	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0		82.7	93.0	94.6	95.6	97.6	98.1	98.8	98.9	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	54.2	56.3	56.3	56.5	56.6	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0
GE 20000	57.4	59.6	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.3	60.3	60.3
GE 18000	58.9	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.2
GE 16000	59.7	62.2	62.2	62.3	62.5	62.5	62.6	62.6	62.7	62.9	62.9	62.9	62.9	63.0	63.0	63.0
GE 14000	60.9	63.3	63.3	63.4	63.7	63.7	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2
GE 12000	63.0	65.7	65.7	65.8	66.0	66.0	66.1	66.1	66.2	66.5	66.5	66.5	66.5	66.6	66.6	66.6
GE 10000	67.3	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9
GE 9000	68.9	72.8	72.8	72.9	73.1	73.1	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.7	73.7	73.7
GE 8000	73.9	78.3	78.3	78.4	78.8	78.8	78.9	78.9	79.0	79.2	79.2	79.2	79.2	79.4	79.4	79.4
GE 7000	74.2	82.8	83.0	83.2	83.7	83.7	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.2	84.2	84.2
GE 6000	78.9	83.8	84.0	84.2	84.6	84.6	84.7	84.7	84.8	85.1	85.1	85.1	85.1	85.2	85.2	85.2
GE 5000	81.2	86.2	86.5	86.7	87.1	87.1	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.6
GE 4500	82.9	88.7	89.4	89.7	90.1	90.1	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6
GE 4000	83.1	89.0	89.7	90.2	90.9	90.9	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5
GE 3500	83.1	89.5	90.1	90.6	91.3	91.3	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9
GE 3000	83.9	90.5	91.2	91.8	92.5	92.5	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.1
GE 2500	84.0	90.8	91.6	92.4	93.0	93.0	93.1	93.2	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 2000	84.6	92.2	93.1	93.9	94.7	94.7	94.8	95.1	95.2	95.5	95.5	95.5	95.5	95.6	95.6	95.6
GE 1800	84.7	92.3	93.2	94.0	94.8	94.8	94.9	95.2	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 1600	84.7	92.4	93.4	94.2	95.6	95.7	95.8	96.1	96.2	96.7	96.7	96.7	96.7	96.8	96.8	96.8
GE 1400	84.7	92.4	93.7	94.4	96.0	96.1	96.5	96.8	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 1200	84.9	92.7	94.0	94.7	96.6	96.7	97.2	97.5	97.7	98.3	98.4	98.4	98.4	98.5	98.5	98.5
GE 1000	85.1	92.9	94.2	94.9	96.8	96.9	97.5	97.8	98.2	98.7	98.8	98.8	98.8	98.9	98.9	98.9
GE 900	85.1	92.9	94.2	95.2	97.0	97.1	97.7	98.1	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1
GE 800	85.1	92.9	94.2	95.2	97.0	97.1	97.7	98.1	98.4	98.9	99.1	99.1	99.1	99.2	99.2	99.2
GE 700	85.1	92.9	94.2	95.2	97.0	97.2	98.0	98.4	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE 600	85.1	92.9	94.2	95.2	97.0	97.2	98.0	98.4	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE 500	85.1	92.9	94.2	95.2	97.0	97.2	98.0	98.4	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE 400	85.1	92.9	94.2	95.2	97.0	97.2	98.0	98.4	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	85.1	92.9	94.2	95.2	97.0	97.2	98.1	98.5	98.8	99.5	99.7	99.7	99.7	100.0	100.0	100.0
GE 200	85.1	92.9	94.2	95.2	97.0	97.2	98.1	98.5	98.8	99.5	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	85.1	92.9	94.2	95.2	97.0	97.2	98.1	98.5	98.8	99.5	99.7	99.7	99.7	100.0	100.0	100.0
GE 0	85.1	92.9	94.2	95.2	97.0	97.2	98.1	98.5	98.8	99.5	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	59.5	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
GE 20000	64.1	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
GE 18000	65.7	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.5	66.5
GE 16000	66.7	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 14000	67.2	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.1	68.1
GE 12000	70.2	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 10000	75.6	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 9000	76.7	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0
GE 8000	80.8	81.8	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7
GE 7000	84.9	86.3	86.5	86.8	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5
GE 6000	85.5	87.2	87.3	87.6	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 5000	87.0	88.8	88.9	89.2	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 4000	88.2	90.1	90.6	91.0	91.4	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8
GE 3000	89.4	90.6	91.3	91.6	92.3	92.3	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 2000	88.5	90.9	91.5	91.8	92.5	92.5	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0
GE 1500	88.6	91.3	92.2	92.5	93.2	93.2	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8
GE 1000	88.6	91.6	92.7	93.2	94.0	94.1	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
GE 800	88.9	92.0	93.2	93.9	94.6	94.8	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 600	89.1	92.3	93.4	94.1	95.1	95.3	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 400	89.7	92.9	94.2	94.8	96.5	96.9	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0
GE 300	89.7	92.9	94.2	94.8	96.5	96.9	97.3	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 200	89.8	93.0	94.3	94.9	96.6	97.0	97.6	98.1	98.5	99.0	99.2	99.2	99.2	99.2	99.4	99.4
GE 100	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.1	99.5	99.5	99.5	99.5	99.6	99.6
GE 80	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.1	99.5	99.5	99.5	99.5	99.6	99.6
GE 60	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 40	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 30	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 20	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 10	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 0	89.9	93.1	94.4	95.1	96.7	97.1	97.7	98.2	98.6	99.4	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000		65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000		69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000		70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000		71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000		73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000		78.6	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000		80.0	80.0	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000		84.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 7000		86.7	87.7	88.0	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000		87.3	88.5	88.7	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 5000		88.2	90.0	90.2	90.5	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500		88.7	90.5	90.8	91.1	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000		89.6	91.8	92.0	92.5	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500		89.8	92.0	92.4	92.8	93.3	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000		90.3	92.9	93.3	93.8	94.3	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500		90.4	93.2	93.7	94.2	94.7	94.8	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000		90.9	93.9	94.4	95.2	95.8	95.9	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800		91.1	94.2	95.1	95.8	96.5	96.6	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500		91.2	94.4	95.3	96.1	97.1	97.2	97.4	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200		91.2	94.4	95.3	96.2	97.3	97.4	97.6	98.6	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		91.3	94.5	95.4	96.3	97.4	97.5	97.7	98.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	77.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9700	79.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 8000	84.1	85.3	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	86.8	88.4	88.5	88.5	89.2	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	86.9	88.8	88.9	88.9	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5700	88.4	90.4	90.5	90.9	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	89.0	91.1	91.2	91.5	92.3	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	90.1	92.2	92.3	92.6	93.3	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	90.4	92.5	92.6	92.9	93.7	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3700	91.2	93.3	93.7	94.0	95.1	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	91.3	93.4	93.8	94.1	95.3	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	91.6	94.0	94.3	94.6	95.8	95.9	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	91.6	94.0	94.3	94.6	95.9	96.0	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	91.6	94.3	94.6	95.1	96.5	96.6	97.1	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	91.6	94.4	94.7	95.3	97.1	97.2	97.7	97.8	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1
GE 1700	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 900	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 800	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 700	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 600	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 500	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 400	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 300	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 0	91.7	94.7	95.1	95.6	97.4	97.5	98.2	98.6	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1400-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.7	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GF 20000	62.6	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GF 18000	65.1	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GF 16000	65.3	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GF 14000	66.0	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GF 12000	69.4	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GF 10000	73.8	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GF 9000	76.1	77.8	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GF 8000	81.9	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GF 7000	85.8	88.4	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GF 6000	86.2	88.9	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GF 5000	87.4	90.4	90.9	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GF 4000	88.3	91.5	92.0	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GF 3000	89.1	92.9	93.5	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GF 2000	89.5	93.4	94.1	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GF 1000	89.6	93.6	94.4	95.2	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GF 2000	89.7	93.8	94.5	95.3	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GF 2000	90.0	94.1	94.8	95.7	96.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GF 1000	90.0	94.2	94.9	95.8	96.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GF 1000	90.0	94.3	95.0	95.9	97.0	97.1	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GF 1000	90.0	94.3	95.0	96.0	97.3	97.4	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GF 1000	90.0	94.5	95.3	96.2	97.7	97.8	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GF 900	90.0	94.5	95.3	96.2	97.7	97.8	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GF 800	90.0	94.5	95.3	96.2	97.7	97.8	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GF 700	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GF 600	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GF 500	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GF 400	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GF 300	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GF 200	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GF 100	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GF 0	90.1	94.6	95.4	96.3	97.8	98.0	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: ELLISON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	5A.3	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
GE 20000	60.8	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 18000	62.3	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 16 000	62.3	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 14000	62.6	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
GE 12000	64.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 10000	67.4	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
GE 9000	69.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 8000	74.5	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 7000	79.5	87.0	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 6000	80.1	87.6	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 5000	81.2	89.1	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
GE 4500	83.0	91.3	92.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 4000	83.4	92.0	93.1	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 3500	84.3	92.9	94.1	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 3000	85.1	93.9	95.1	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 2500	85.4	94.2	95.4	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 2000	85.5	94.5	95.7	96.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1500	85.5	94.7	95.9	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1000	85.5	94.9	96.3	97.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 500	85.6	95.1	96.6	97.3	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 10000	85.5	94.9	96.5	97.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 9000	85.5	94.9	96.5	97.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 8000	85.5	94.9	96.5	97.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 7000	85.6	95.1	96.6	97.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 6000	85.6	95.1	96.6	97.3	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 5000	85.6	95.1	96.6	97.3	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 4000	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3000	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2000	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	85.6	95.1	96.6	97.3	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.4	61.5	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
GE 20000	62.6	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	64.8	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	65.2	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	65.9	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	68.3	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	72.3	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
GE 9000	73.9	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	74.4	82.1	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
GE 7000	82.3	86.4	86.6	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 6000	82.8	87.0	87.3	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
GE 5000	84.2	88.8	89.0	89.3	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	85.4	90.2	90.7	91.0	91.5	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	86.0	91.1	91.6	91.9	92.6	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
GE 2000	86.3	91.5	92.1	92.5	93.2	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	86.7	92.2	93.0	93.4	94.3	94.3	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	86.9	92.5	93.3	93.8	94.8	94.9	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	87.2	93.3	94.2	94.7	95.6	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1800	87.3	93.4	94.4	94.9	96.1	96.2	96.4	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1400	87.5	93.8	94.9	95.5	96.9	97.1	97.4	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	87.5	93.8	94.9	95.6	97.2	97.4	97.7	98.0	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1000	87.6	94.0	95.1	95.8	97.5	97.7	98.2	98.5	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	87.6	94.1	95.2	95.9	97.6	97.8	98.3	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	87.6	94.1	95.2	95.9	97.6	97.8	98.4	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	87.6	94.1	95.2	96.0	97.7	97.9	98.5	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 600	87.6	94.1	95.2	96.0	97.7	97.9	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	87.6	94.1	95.2	96.0	97.7	97.9	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	87.7	94.1	95.2	96.0	97.7	97.9	98.7	99.0	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	87.7	94.1	95.2	96.0	97.7	97.9	98.7	99.0	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	87.7	94.1	95.2	96.0	97.7	97.9	98.7	99.0	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	87.7	94.1	95.2	96.0	97.7	97.9	98.7	99.1	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	87.7	94.1	95.2	96.0	97.7	97.9	98.7	99.1	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	1	66.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	1	69.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	1	69.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	1	69.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	1	70.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	1	72.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	1	73.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	1	76.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	1	81.6	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	1	82.2	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 5000	1	83.1	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	1	84.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	1	85.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	1	85.7	92.2	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	1	85.9	92.9	93.2	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	1	86.0	93.3	93.7	94.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	1	86.1	93.8	94.1	94.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	1	86.1	93.8	94.1	94.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	1	86.3	94.1	94.4	95.1	96.9	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	1	86.4	94.2	94.5	95.2	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	1	86.7	94.4	94.8	95.6	97.4	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	1	86.7	94.4	94.8	95.6	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	1	86.7	94.4	94.8	95.6	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	1	86.7	94.4	94.8	95.6	97.7	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	1	87.0	94.8	95.2	96.0	98.1	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	1	87.0	95.1	95.6	96.3	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7G2650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.6	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.7
GE 20000	61.1	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 18000	64.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6
GE 16000	64.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8
GE 14000	64.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1
GE 12000	66.0	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7
GE 10000	69.0	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.7	72.7
GE 9000	71.1	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
GE 8000	75.6	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9
GE 7000	80.4	84.3	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 6000	81.6	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
GE 5000	82.7	86.6	86.6	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4
GE 4500	84.2	88.4	88.4	88.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6
GE 4000	85.0	89.4	89.7	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9
GE 3500	85.7	90.2	90.6	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0
GE 3000	86.4	91.1	91.4	92.0	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3
GE 2500	86.4	91.6	91.9	92.4	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7
GE 2000	86.6	92.1	92.4	93.1	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7
GE 1800	86.6	92.1	92.4	93.1	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.8	95.8	95.8	95.8
GE 1500	86.6	92.1	92.8	93.6	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6
GE 1000	86.8	92.4	93.1	93.9	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
GE 1000	86.9	92.9	93.8	94.7	96.4	97.3	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 900	86.9	92.9	93.8	94.7	96.6	97.4	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
GE 800	86.9	92.9	93.8	94.7	96.6	97.4	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
GE 700	86.9	92.9	93.8	94.7	96.7	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 600	86.9	93.1	94.0	94.9	97.0	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6
GE 500	87.0	93.2	94.1	95.2	97.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	99.1	99.2	99.2	99.4
GE 400	87.0	93.2	94.1	95.2	97.4	98.4	98.7	98.9	98.9	98.9	98.9	99.0	99.3	99.4	99.4	99.7
GE 300	87.0	93.2	94.1	95.2	97.4	98.4	98.7	98.9	98.9	98.9	98.9	99.1	99.4	99.6	99.6	99.8
GE 200	87.0	93.2	94.1	95.2	97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.3	99.7	99.8	99.8	100.0
GE 100	87.0	93.2	94.1	95.2	97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.3	99.7	99.8	99.8	100.0
GE 0	87.0	93.2	94.1	95.2	97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.3	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 792650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	
GE 20000	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	
GE 18000	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	
GE 16000	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	
GE 14000	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	
GE 12000	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	
GE 10000	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.7	
GE 9000	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1	
GE 8000	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	
GE 7000	83.3	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	
GE 6000	83.9	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	
GE 5000	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	
GE 4500	86.4	86.8	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	
GE 4000	87.4	88.2	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	
GE 3500	87.6	88.4	88.7	88.7	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	
GE 3000	88.4	89.6	89.9	90.1	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	
GE 2500	88.4	90.0	90.3	90.6	91.1	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	
GE 2000	88.8	90.6	91.1	91.4	92.3	92.6	93.0	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.8	
GE 1800	88.8	90.6	91.2	91.6	92.4	92.7	93.1	93.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	94.0	
GE 1500	88.9	91.0	92.1	92.6	93.4	93.7	94.2	94.4	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.2	
GE 1200	88.9	91.4	92.6	93.0	94.1	94.3	94.9	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.9	
GE 1000	89.1	91.8	93.3	93.8	94.9	95.1	95.8	96.2	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.1	
GE 900	89.2	92.0	93.6	94.0	95.1	95.3	96.0	96.4	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.3	
GE 800	89.4	92.2	93.8	94.3	95.4	95.7	96.3	96.8	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.9	
GE 700	89.4	92.2	93.9	94.4	95.6	95.8	96.6	97.1	97.2	98.1	98.2	98.2	98.2	98.2	98.3	98.4	
GE 600	89.4	92.2	93.9	94.4	95.6	95.8	96.8	97.4	97.6	98.4	98.6	98.7	98.7	98.7	98.8	98.9	
GE 500	89.4	92.2	93.9	94.4	95.6	95.8	96.8	97.4	97.6	98.6	98.7	98.8	98.8	98.8	98.9	99.1	
GE 400	89.4	92.2	93.9	94.4	95.7	95.9	97.0	97.7	97.8	98.8	99.1	99.2	99.2	99.2	99.3	99.6	
GE 300	89.4	92.2	93.9	94.4	95.8	96.0	97.1	97.8	97.9	98.9	99.2	99.3	99.3	99.3	99.4	99.7	
GE 200	89.4	92.2	93.9	94.4	96.0	96.2	97.3	98.0	98.1	99.1	99.4	99.6	99.6	99.6	99.7	99.9	
GE 100	89.4	92.2	93.9	94.4	96.0	96.2	97.3	98.0	98.1	99.1	99.4	99.6	99.7	99.7	99.8	100.0	
GE 0	89.4	92.2	93.9	94.4	96.0	96.2	97.3	98.0	98.1	99.1	99.4	99.6	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G
NO CEIL	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	79.9	80.3	80.4	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	82.3	83.0	83.1	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	82.6	83.2	83.3	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.2	84.9	85.0	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	84.6	85.2	85.3	85.6	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	85.6	86.8	87.0	87.2	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	86.0	87.3	87.6	87.8	88.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	86.7	88.6	88.9	89.1	89.6	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	87.7	89.9	90.4	90.7	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	88.0	90.4	91.1	91.3	92.0	92.2	92.8	93.3	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	88.1	90.7	91.3	91.6	92.2	92.4	93.0	93.6	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	88.3	90.9	91.6	91.8	92.7	92.9	93.4	94.1	94.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	88.9	92.0	93.0	93.2	94.1	94.4	95.0	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	89.0	92.3	93.3	93.7	94.8	95.1	95.7	96.3	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	89.6	92.9	93.9	94.2	95.3	95.7	96.2	96.9	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	89.9	93.3	94.3	94.9	96.0	96.3	97.0	97.7	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	90.0	93.4	94.4	95.0	96.2	96.6	97.3	98.0	98.2	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	90.0	93.6	94.6	95.1	96.3	96.7	97.4	98.1	98.3	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	90.0	93.7	94.7	95.2	96.4	96.8	97.6	98.2	98.4	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	90.0	93.7	94.7	95.2	96.7	97.0	97.8	98.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	90.0	93.7	94.7	95.2	96.7	97.0	97.8	98.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.0	93.7	94.7	95.2	96.7	97.0	97.8	98.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.0	93.7	94.7	95.2	96.7	97.0	97.8	98.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	90.0	93.7	94.7	95.2	96.7	97.0	97.8	98.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	82.3	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	85.4	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	86.7	87.3	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4000	88.2	89.1	89.3	89.4	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3500	88.8	90.0	90.2	90.3	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	89.4	91.1	91.3	91.4	91.8	91.8	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	90.1	92.0	92.2	92.3	92.9	93.0	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	90.7	92.9	93.1	93.3	93.9	94.1	94.7	94.8	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	90.9	93.3	93.6	93.8	94.3	94.6	95.1	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	91.4	94.1	94.4	94.8	95.4	95.7	96.6	96.8	96.9	97.2	97.6	97.6	97.8	97.8	97.8	97.8
GE 1200	91.6	94.4	94.9	95.2	95.9	96.1	97.0	97.2	97.4	97.9	98.2	98.2	98.4	98.4	98.4	98.4
GE 1000	91.6	94.4	94.9	95.4	96.2	96.4	97.3	97.6	97.8	98.2	98.6	98.6	98.8	98.8	98.8	98.8
GE 900	91.6	94.6	95.0	95.7	96.4	96.7	97.6	97.8	98.0	98.4	98.8	98.8	99.0	99.0	99.0	99.0
GE 800	91.8	94.8	95.2	95.9	96.7	97.0	97.9	98.1	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4
GE 700	91.8	94.8	95.2	96.0	96.8	97.2	98.1	98.3	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9
GE 600	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	91.8	94.8	95.2	96.0	96.9	97.3	98.2	98.4	98.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 18000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 16000	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 10000	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	88.2	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	90.3	91.0	91.2	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	91.3	92.0	92.2	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	92.4	93.6	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	92.8	94.0	94.3	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	93.4	94.9	95.2	95.6	95.9	96.0	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	93.9	95.3	95.7	96.0	96.3	96.4	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.1	95.9	96.3	96.8	97.2	97.3	97.9	98.0	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	94.1	96.0	96.4	96.9	97.3	97.4	98.0	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	94.1	96.1	96.8	97.2	97.7	97.8	98.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	94.1	96.2	96.9	97.3	97.8	97.9	98.4	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.2	96.4	97.1	97.7	98.1	98.2	98.8	98.9	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	94.2	96.4	97.1	97.7	98.2	98.3	98.9	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.2	96.4	97.1	97.7	98.3	98.4	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	
GE 20000	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
GE 18000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
GE 16000	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GE 14000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 12000	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 10000	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 9000	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE 8000	79.8	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 7000	82.4	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
GE 6000	83.3	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 5000	87.5	88.9	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 4500	88.8	90.1	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 4000	90.1	91.4	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 3500	91.9	93.2	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 3000	92.7	94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 2500	93.1	95.0	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 2000	93.5	95.7	96.0	96.3	96.6	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	
GE 1800	93.5	95.7	96.0	96.3	96.6	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	
GE 1500	94.2	96.3	96.8	97.1	97.3	97.4	97.6	97.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1200	94.3	96.4	96.9	97.2	97.4	97.6	97.7	98.0	98.1	98.4	98.7	98.7	98.7	98.7	98.8	98.8	
GE 1000	94.3	96.9	97.3	97.7	98.0	98.1	98.2	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.3	99.3	
GE 900	94.3	96.9	97.3	97.7	98.0	98.1	98.2	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.3	99.3	
GE 800	94.3	96.9	97.3	97.7	98.0	98.1	98.2	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.3	99.3	
GE 700	94.3	96.9	97.3	97.7	98.2	98.3	98.4	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.6	99.6	
GE 600	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.9	99.9	
GE 500	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 400	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 300	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 200	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 100	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 0	94.3	96.9	97.3	97.8	98.3	98.4	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		53.8	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000		62.4	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000		67.8	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000		68.1	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000		68.7	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000		71.1	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000		74.1	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000		75.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 8000		80.0	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000		81.6	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000		82.2	85.2	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000		84.9	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500		86.4	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000		87.2	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500		89.1	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000		89.1	94.0	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500		89.1	94.2	94.8	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000		89.3	94.7	95.2	95.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800		89.3	94.7	95.2	95.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500		89.9	95.2	95.8	96.1	96.9	97.0	97.3	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200		90.2	95.6	96.1	96.4	97.4	97.6	97.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000		90.3	95.9	96.4	96.8	97.8	97.9	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 900		90.3	95.9	96.4	96.8	97.8	97.9	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 800		90.3	95.9	96.4	96.8	97.8	97.9	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 700		90.3	95.9	96.4	96.8	97.9	98.0	98.8	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		90.3	95.9	96.4	96.8	97.9	98.0	98.8	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 500		90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE	CL	90.3	96.0	96.6	96.9	98.3	98.4	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
GE 20000	61.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	65.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 14000	67.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	69.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000	72.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
GE 8000	79.2	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 7000	81.9	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	82.6	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	85.0	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	86.3	88.5	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 4000	87.4	89.9	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	88.2	90.9	91.1	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
GE 3000	88.9	91.9	92.2	92.5	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	89.2	92.5	92.9	93.2	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	89.6	93.1	93.5	93.9	94.8	95.0	95.3	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
GE 1800	89.6	93.3	93.7	94.1	94.9	95.2	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	90.0	93.7	94.3	94.7	95.7	95.9	96.3	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 1200	90.2	94.1	94.7	95.1	96.1	96.4	96.9	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 1000	90.2	94.3	95.1	95.6	96.7	97.0	97.5	97.7	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 900	90.3	94.5	95.2	95.7	96.8	97.1	97.6	97.9	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 800	90.4	94.6	95.3	95.9	97.0	97.3	97.9	98.1	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 700	90.5	94.6	95.4	96.0	97.2	97.5	98.1	98.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	90.5	94.7	95.5	96.1	97.3	97.7	98.3	98.6	98.7	99.1	99.3	99.4	99.4	99.4	99.5	99.5
GE 500	90.5	94.8	95.6	96.2	97.5	97.8	98.5	98.8	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.8
GE 400	90.5	94.8	95.6	96.2	97.5	97.9	98.6	98.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9
GE 300	90.5	94.8	95.6	96.2	97.5	97.9	98.6	98.9	99.0	99.4	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	90.5	94.8	95.6	96.2	97.6	98.0	98.6	98.9	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0
GE 100	90.5	94.8	95.6	96.2	97.6	98.0	98.6	98.9	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0
GE 0	90.5	94.8	95.6	96.2	97.6	98.0	98.6	98.9	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7198

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	63.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	75.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	86.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	88.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 5000	91.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	93.4	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	95.8	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	96.1	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	96.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	96.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	96.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	96.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	96.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	96.3	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	96.6	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.6	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.6	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.6	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.6	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.6	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.0	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.8	53.8
GE 20000	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.6	60.6
GE 18000	62.3	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.0
GE 16000	62.4	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.1	63.1
GE 14000	62.7	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.4	63.4
GE 12000	65.3	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.1	66.1
GE 10000	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.8	73.9	73.9	73.9	73.9	74.0	74.0
GE 9000	74.4	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5
GE 8000	82.6	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.1	84.1
GE 7000	86.5	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.8	87.8	87.8	88.0	88.0
GE 6000	87.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.1	89.1
GE 5000	90.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.7	91.7
GE 4500	91.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.5
GE 4000	94.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9
GE 3500	95.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0
GE 3000	95.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6
GE 2500	95.7	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.1
GE 2000	95.8	97.1	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	98.0	98.1	98.1	98.1	98.2	98.2
GE 1800	95.9	97.2	97.4	97.4	97.7	97.7	97.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 1500	96.1	97.6	97.8	97.8	98.3	98.3	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9
GE 1200	96.2	97.7	98.0	98.0	98.4	98.5	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 1000	96.3	97.8	98.1	98.1	98.6	98.7	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
GE 900	96.3	97.8	98.1	98.1	98.6	98.7	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
GE 800	96.3	97.8	98.1	98.1	98.7	98.8	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
GE 700	96.3	97.8	98.1	98.1	98.7	98.8	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
GE 600	96.3	97.8	98.1	98.1	98.8	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	96.3	98.0	98.2	98.2	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.3
GE 20000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.3
GE 18000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.7
GE 16000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.7
GE 14000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.9
GE 12000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.7
GE 10000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.5
GE 9000	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.0
GE 8000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.9
GE 7000	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.2
GE 6000	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	88.0
GE 5000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.6
GE 4500	91.6	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.4
GE 4000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.2
GE 3500	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	95.1
GE 3000	95.5	95.8	95.8	95.8	95.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.6
GE 2500	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.9
GE 2200	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.1
GE 1900	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.2
GE 1500	96.1	96.8	96.8	96.8	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.5
GE 1200	96.1	96.9	96.9	96.9	97.0	97.0	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	98.1
GE 1000	96.2	97.1	97.1	97.1	97.2	97.2	97.2	97.7	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.5
GE 900	96.2	97.1	97.1	97.1	97.2	97.2	97.2	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.8
GE 800	96.2	97.1	97.2	97.2	97.3	97.3	97.3	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.9
GE 700	96.2	97.1	97.2	97.3	97.6	97.6	97.6	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.2
GE 600	96.2	97.1	97.2	97.3	97.6	97.6	97.6	98.5	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.4
GE 500	96.2	97.2	97.3	97.4	97.7	97.7	97.7	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.5
GE 400	96.2	97.2	97.3	97.6	98.0	98.0	98.0	98.8	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.8
GE 300	96.2	97.3	97.4	97.7	98.1	98.1	98.1	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	100.0
GE 200	96.2	97.3	97.4	97.7	98.1	98.1	98.1	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	100.0
GE 100	96.2	97.3	97.4	97.7	98.1	98.1	98.1	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	100.0
GE 0	96.2	97.3	97.4	97.7	98.1	98.1	98.1	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 2000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1800	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 1600	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1400	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1200	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 900	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 800	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 700	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 600	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 400	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 300	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 200	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 100	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1600	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	90.2	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	92.6	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	95.9	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	96.8	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.0	98.1	98.4	98.5	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.2	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.4	98.5	98.8	98.9	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	97.4	98.6	99.0	99.1	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.4	98.6	99.1	99.2	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.4	98.6	99.1	99.2	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.4	98.6	99.1	99.2	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.4	98.6	99.1	99.2	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.4	98.6	99.1	99.2	99.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.4	98.6	99.1	99.2	99.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.4	98.6	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.6	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.6	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.6	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.4	98.6	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: ELLSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEIL	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
GE 20000	47.3	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
GE 18000	51.9	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 16000	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	
GE 14000	53.0	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
GE 12000	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
GE 10000	60.4	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
GE 9000	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
GE 8000	69.2	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 7000	71.0	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE 6000	73.0	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 5000	78.7	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 4500	81.2	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 4000	91.3	91.8	91.9	92.3	92.3	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 3500	93.9	94.4	94.5	94.8	94.8	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 3000	97.0	97.7	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 2500	97.4	98.2	98.3	98.6	98.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 2000	97.8	98.6	98.7	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 1900	98.1	98.8	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1500	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1200	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1000	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 900	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 800	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 700	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 600	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	98.2	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(1ST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	75.7	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	79.0	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	85.5	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	88.2	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	94.1	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	97.3	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	98.1	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.2	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	98.3	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A188 316

EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87
USAFETAC/DS-87/879

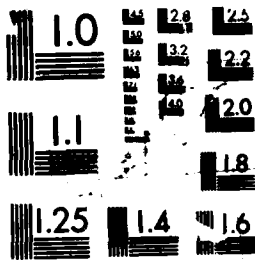
3/4

UNCLASSIFIED

F/G 4/2

ML





MICROCOPY RESOLUTION TEST CHART
NS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	80.4	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	84.0	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	86.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	90.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	92.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	95.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	96.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	97.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	97.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	97.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	97.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.7	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.7	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.7	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9
GE 14000	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 12000	63.6	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 10000	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	78.8	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
GE 7000	81.8	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	83.4	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 5000	86.8	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	88.7	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 4000	93.2	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	94.5	95.3	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	96.1	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	96.4	97.4	97.6	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 2000	96.8	97.9	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 1800	96.9	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 1500	97.1	98.3	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1200	97.1	98.4	98.6	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.2	98.5	98.7	98.9	99.1	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	97.2	98.5	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 800	97.2	98.5	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.2	98.5	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 600	97.2	98.6	98.8	98.9	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	97.2	98.6	98.8	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.2	98.6	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	97.2	98.6	98.8	99.0	99.3	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.2	98.6	98.8	99.0	99.3	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.2	98.6	98.8	99.0	99.3	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	97.2	98.6	98.8	99.0	99.3	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 18000	47.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	47.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 14000	48.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	52.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	57.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	71.3	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	76.4	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	78.3	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	84.1	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 4500	87.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 4000	89.6	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 3500	91.0	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 3000	93.1	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 2500	93.4	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 2000	93.6	97.4	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 1800	93.6	97.6	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 1500	93.7	97.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1200	93.7	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1000	93.7	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 900	93.7	97.8	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 800	93.7	97.8	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 700	93.7	97.8	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 600	93.7	97.8	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 500	93.7	97.8	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 400	93.7	97.8	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 300	93.7	97.8	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	93.7	97.8	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	93.7	97.8	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 0	93.7	97.8	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	1	GE	GE	GE	GE	GE	GE	GE	GE	0
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4					
NO CEIL	34.3	35.3	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	40.6	41.7	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	41.8	43.1	43.2	43.3	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000	42.4	43.8	43.9	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 14000	43.4	44.8	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	48.2	49.6	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	54.8	56.2	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	58.1	60.1	60.3	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 8000	70.0	72.2	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	75.0	77.2	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	76.8	79.0	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	80.8	83.6	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	83.7	86.9	87.1	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	85.2	88.4	88.8	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	87.0	90.7	91.1	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	89.7	93.7	94.1	94.6	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	89.7	93.8	94.2	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	92.2	94.3	94.9	95.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	90.3	94.4	95.0	95.4	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	90.6	94.7	95.4	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	90.6	94.8	95.6	96.0	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	90.8	95.7	96.7	97.1	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	90.9	95.8	96.8	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	91.0	95.9	97.0	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	91.2	96.1	97.2	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	91.2	96.1	97.2	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	91.4	96.4	97.7	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	91.6	96.7	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	91.6	96.7	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	91.6	96.7	98.1	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	91.6	96.7	98.1	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	91.6	96.7	98.1	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0600-0800

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.1	34.0	34.4	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	40.9	41.8	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	42.7	43.8	44.2	44.7	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	43.2	44.3	44.8	45.2	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	44.4	45.6	46.0	46.4	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	47.7	48.8	49.2	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 10000	53.1	54.4	54.9	55.3	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	55.8	57.7	58.2	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	65.6	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	69.0	71.1	71.7	72.1	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	72.3	74.6	75.1	75.6	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	76.1	79.1	79.8	80.2	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	78.7	82.2	82.9	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	80.4	84.3	85.1	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	81.7	85.8	86.7	87.1	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	83.8	89.0	90.1	90.6	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	83.8	89.2	90.3	90.8	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	84.4	90.0	91.1	91.6	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	84.4	90.0	91.1	91.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	84.9	90.7	91.9	92.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	85.4	91.3	92.7	93.1	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	86.1	92.8	94.1	94.6	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	86.3	93.1	94.6	95.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	86.4	93.2	94.9	95.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	86.9	93.8	95.6	96.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	87.2	94.4	96.2	96.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	87.7	95.0	96.8	97.2	98.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	87.8	95.1	97.0	97.4	98.6	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	87.8	95.1	97.0	97.4	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.8	95.1	97.0	97.4	98.7	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	87.8	95.1	97.0	97.4	98.7	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	87.8	95.1	97.0	97.4	98.7	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.8	35.9	36.0	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	43.8	44.0	44.2	44.4	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 18000	45.6	46.1	46.3	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 16000	46.3	46.9	47.1	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 14000	47.4	48.0	48.2	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	51.9	52.4	52.7	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	58.0	58.8	59.0	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	59.4	60.6	60.8	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	67.6	68.8	69.0	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	68.6	69.8	70.0	70.2	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	69.3	70.7	70.9	71.1	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	72.0	73.6	73.8	74.0	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	74.1	75.9	76.2	76.4	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	76.9	79.2	79.6	79.8	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	78.8	81.3	81.7	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	80.8	85.0	85.4	85.7	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	81.4	86.1	86.8	87.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	83.1	88.1	88.8	89.0	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	83.6	88.6	89.2	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	84.1	89.4	90.1	90.3	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	85.9	91.9	93.0	93.2	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	87.0	94.0	95.1	95.3	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	87.1	94.6	95.9	96.1	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	87.3	95.2	96.7	96.9	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	87.6	95.8	97.2	97.6	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	87.7	96.1	97.6	97.9	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	87.8	96.3	97.8	98.1	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	87.8	96.6	98.0	98.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.8	96.6	98.0	98.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.8	96.6	98.0	98.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.8	96.6	98.0	98.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	87.8	96.6	98.0	98.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.1	31.4	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	43.0	43.3	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 18000	46.0	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 16000	47.4	47.8	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 14000	47.9	48.2	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 12000	50.7	51.0	51.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	55.4	56.0	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 9000	56.4	57.2	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	64.1	65.0	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	65.4	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	66.8	67.7	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	71.8	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	75.0	75.9	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	79.0	80.1	80.6	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	82.1	83.2	83.8	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	85.3	87.0	87.6	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	88.2	90.7	91.2	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	90.3	93.0	93.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	90.4	93.2	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	91.4	95.4	96.3	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	92.1	96.4	97.4	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	92.2	96.9	98.1	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	92.2	97.1	98.3	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	92.3	97.2	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	92.4	97.6	98.9	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	92.4	97.6	98.9	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	92.4	97.6	98.9	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 20000	36.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	41.4	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 16000	42.4	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	43.1	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 12000	46.8	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 10000	53.6	54.1	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 9000	54.7	55.2	55.2	55.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	64.2	65.0	65.1	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	66.6	67.3	67.4	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	69.8	70.6	70.7	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000	76.1	76.9	77.2	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	80.1	81.2	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	85.3	86.4	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	88.0	89.2	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	91.9	93.1	93.6	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	93.1	94.4	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	94.1	95.7	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	94.1	95.8	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	94.8	96.7	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	95.3	97.6	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	95.3	97.6	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.3	97.7	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	95.4	97.9	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.4	98.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.4	98.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.4	98.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 20000	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 18000	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 16000	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 14000	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 12000	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9700	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	68.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	73.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	75.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	81.9	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	85.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	90.4	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	92.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	94.6	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	95.3	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	95.7	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	95.7	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	96.0	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	96.2	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.2	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.9		34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 18000	47.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	49.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	49.4	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	75.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 6000	78.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	85.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	88.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	92.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	93.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	95.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	95.9	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	95.9	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	95.9	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	96.0	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.0	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.0	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	33.3	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	41.7	42.2	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	44.8	45.5	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000	45.7	46.4	46.6	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 14000	46.4	47.2	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	50.2	51.0	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	56.2	57.1	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	58.1	59.3	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	67.8	69.2	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	71.2	72.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	73.4	74.8	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	78.5	80.2	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	81.7	83.7	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	84.9	87.0	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	86.8	89.2	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	89.3	92.2	92.8	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	90.1	93.4	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	90.9	94.4	95.0	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1900	91.0	94.5	95.2	95.4	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	91.4	95.2	95.9	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	91.9	95.9	96.7	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	92.2	96.5	97.4	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	92.2	96.7	97.7	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 800	92.3	96.9	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 700	92.4	97.2	98.3	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.5	97.3	98.4	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	92.6	97.4	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	92.6	97.5	98.7	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.6	97.5	98.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	92.6	97.5	98.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 100	92.6	97.5	98.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0	92.6	97.5	98.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 72UC

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.4	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 20000	39.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 18000	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 16000	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 14000	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	54.3	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	57.7	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	69.6	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	74.1	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	75.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	78.7	81.1	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	82.3	84.8	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	84.9	88.2	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	87.0	90.6	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	88.4	92.6	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	89.0	93.5	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	89.2	94.3	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	89.2	94.5	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	89.2	94.5	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	89.2	94.5	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	89.6	95.5	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	89.6	95.5	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	89.7	95.6	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	89.7	95.6	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	89.7	95.6	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	89.7	95.6	97.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	89.7	95.6	97.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	89.8	95.9	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	89.8	95.9	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	89.8	95.9	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	89.8	95.9	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EILSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 20000	38.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	41.4	41.9	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 16000	42.0	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 14000	42.5	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 12000	47.6	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	53.2	54.2	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 9000	55.1	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	66.0	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	71.7	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	73.5	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	76.6	78.5	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	79.1	81.5	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	81.1	83.7	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	82.7	85.7	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	84.8	88.9	89.7	90.0	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	85.4	89.7	90.4	90.9	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	85.7	90.3	91.5	92.3	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	85.7	90.4	91.6	92.4	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	86.1	91.1	92.4	93.1	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	86.5	91.5	92.8	93.5	94.1	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	86.7	91.8	93.1	94.0	94.5	94.5	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	86.7	92.2	93.5	94.4	94.9	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	86.7	92.2	93.5	94.4	94.9	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	86.9	93.0	94.4	95.3	95.9	95.9	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	86.9	93.2	94.6	95.5	96.1	96.1	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	87.0	93.9	95.4	96.3	97.2	97.2	97.5	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 400	87.0	94.1	95.6	96.6	97.5	97.5	97.8	98.0	98.0	98.6	98.6	98.6	98.6	98.7	98.7	98.8
GE 300	87.0	94.2	95.8	96.8	98.0	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.5	99.6	99.6	99.8
GE 200	87.0	94.2	95.8	96.8	98.0	98.0	98.4	98.7	98.7	99.5	99.6	99.6	99.6	99.7	99.7	99.9
GE 100	87.0	94.2	95.8	96.8	98.0	98.0	98.4	98.7	98.7	99.5	99.6	99.6	99.6	99.7	99.7	100.0
GE 0	87.0	94.2	95.8	96.8	98.0	98.0	98.4	98.7	98.7	99.5	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 792650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	29.4	29.9	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	
GE 20000	35.5	36.1	36.1	36.2	36.2	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	
GE 18000	38.3	39.0	39.0	39.1	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	
GE 16000	39.6	40.3	40.3	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	40.8	
GE 14000	40.8	41.5	41.5	41.6	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	
GE 12000	45.9	46.9	46.9	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	
GE 10000	50.8	51.7	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	
GE 9000	51.5	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	
GE 8000	63.8	65.5	65.5	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	
GE 7000	68.8	70.5	70.5	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	
GE 6000	71.2	73.4	73.4	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	
GE 5000	72.5	74.7	74.7	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	
GE 4500	75.4	78.0	78.0	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	
GE 4000	76.6	79.5	79.5	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	
GE 3500	78.7	81.8	81.9	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	
GE 3000	80.6	84.6	84.7	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	
GE 2500	81.6	85.6	85.7	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	
GE 2000	82.2	86.8	87.0	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	
GE 1800	82.2	86.9	87.3	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	
GE 1600	82.7	87.6	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	
GE 1200	83.0	88.3	88.9	89.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	
GE 1000	83.8	89.1	89.8	90.6	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	
GE 900	84.4	90.4	91.2	92.2	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	
GE 800	84.9	91.2	91.9	92.9	93.3	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	
GE 700	85.4	91.8	92.6	93.5	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	
GE 600	85.9	93.2	94.2	95.4	95.9	95.9	96.2	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	
GE 500	86.0	94.0	95.3	96.7	97.5	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	
GE 400	86.0	94.0	95.4	96.8	97.6	97.7	98.1	98.3	98.4	98.6	98.6	98.6	98.7	98.9	98.9	98.9	
GE 300	86.0	94.0	95.4	96.8	97.7	97.8	98.2	98.4	98.5	98.7	98.8	98.8	99.0	99.2	99.4	99.5	
GE 200	86.0	94.0	95.4	96.8	97.7	97.8	98.5	98.7	98.8	99.0	99.1	99.2	99.5	99.7	99.8	99.9	
GE 100	86.0	94.0	95.4	96.8	97.7	97.8	98.5	98.7	98.8	99.0	99.1	99.2	99.5	99.7	99.9	100.0	
GE 0	86.0	94.0	95.4	96.8	97.7	97.8	98.5	98.7	98.8	99.0	99.1	99.2	99.5	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.7	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 20000	38.4	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000	40.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	40.9	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	41.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 12000	45.9	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 10000	52.4	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	54.1	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	65.8	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	69.6	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	71.5	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	73.7	75.7	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	74.6	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	76.1	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	77.4	79.7	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	80.2	82.8	82.9	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	81.2	84.3	84.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	81.8	85.9	86.0	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	82.7	86.8	86.9	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	83.8	88.8	89.4	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	85.6	90.8	91.4	92.2	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	86.7	92.4	93.3	94.1	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	87.1	93.3	94.4	95.3	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	87.1	93.5	94.8	95.7	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	87.3	94.0	95.3	96.1	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	87.3	94.3	95.6	96.8	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	87.4	94.6	96.0	97.2	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	87.4	94.6	96.0	97.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.4	94.6	96.0	97.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.4	94.6	96.0	97.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.4	94.6	96.0	97.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF 0	87.4	94.6	96.0	97.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.4	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 20000	38.5	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	39.9	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 16000	40.8	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 12000	45.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 10000	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	69.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	71.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	73.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	77.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	79.5	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	85.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	87.5	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	89.1	92.5	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	89.4	92.7	93.1	93.3	93.5	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	90.1	94.4	94.9	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	90.3	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	90.3	95.5	96.6	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	90.4	96.0	97.1	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	90.5	96.5	97.5	97.7	98.2	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	90.5	96.7	97.7	98.0	98.4	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	90.5	96.8	98.0	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	90.5	96.8	98.0	98.3	98.8	99.4	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.5	96.8	98.0	98.3	98.8	99.4	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.5	96.8	98.0	98.3	98.8	99.4	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.5	96.8	98.0	98.3	98.8	99.4	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	96.8	98.0	98.3	98.8	99.4	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	90.5	96.8	98.0	98.3	98.8	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.5	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 20000	36.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	39.2	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.8	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 14000	40.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	45.5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 10000	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	53.5	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 8000	65.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	69.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	71.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 5000	74.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	76.5	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	82.4	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	84.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	90.5	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	91.0	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	91.5	95.4	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	91.5	95.4	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1600	91.8	95.9	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	91.9	96.9	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	91.9	97.6	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	91.9	97.6	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	92.1	97.8	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	92.1	97.8	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.1	97.8	98.6	98.7	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.1	97.8	98.6	98.7	98.9	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 20000	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 18000	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 16000	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 14000	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 12000	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 10000	58.0	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9700	60.4	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8700	73.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	77.8	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	80.4	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	82.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	83.9	86.0	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	86.6	89.2	89.4	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	88.2	91.0	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	90.2	93.7	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	90.6	94.7	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	91.6	96.0	96.9	96.9	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	91.8	96.3	97.2	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	92.4	97.2	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	92.7	97.4	98.5	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	92.8	97.5	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(IST): 2100-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										GE U
	10	6	5	4	3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4		
NO CEIL	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 20000	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 14000	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 10000	57.8	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	61.3	62.0	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	72.7	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	77.6	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	79.6	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	83.4	85.3	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	85.4	87.5	87.9	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	87.5	90.3	90.7	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	88.7	91.8	92.2	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	90.7	94.1	94.8	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	97.9	94.8	95.6	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	91.2	95.0	95.8	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	91.2	95.1	96.0	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	91.8	96.1	97.1	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	92.1	96.5	97.5	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	92.3	97.1	98.1	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	92.3	97.1	98.1	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	92.3	97.1	98.1	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	92.3	97.1	98.1	98.5	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.3	97.1	98.1	98.5	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	92.3	97.2	98.2	98.6	99.1	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	92.3	97.2	98.2	98.6	99.1	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.3	97.2	98.2	98.6	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.3	97.2	98.2	98.6	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.3	97.2	98.2	98.6	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.3	97.2	98.2	98.6	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST):

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7
GE 20000	38.3	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0
GE 18000	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5
GE 16000	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	42.3	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1
GE 12000	47.5	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000	53.7	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	56.0	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	67.8	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	72.1	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 6000	74.0	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	76.6	78.5	78.6	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	78.8	80.9	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	81.6	84.2	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	83.4	86.2	86.5	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	86.4	89.7	90.1	90.3	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	87.2	91.0	91.4	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	87.8	92.0	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	87.9	92.3	92.9	93.3	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	88.5	93.2	94.0	94.4	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	88.9	93.9	94.7	95.1	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	89.2	94.6	95.6	96.1	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 900	89.4	95.0	96.0	96.5	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	89.5	95.2	96.3	96.8	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 700	89.6	95.4	96.6	97.1	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	89.7	95.7	96.9	97.4	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	89.7	95.9	97.1	97.8	98.5	98.6	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	89.7	95.9	97.2	97.8	98.6	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	89.7	96.0	97.3	97.9	98.7	98.9	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	89.7	96.0	97.3	97.9	98.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	89.7	96.0	97.3	97.9	98.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE	GE 89.7	96.0	97.3	97.9	98.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.3	36.5	36.6	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0
GE 2000	41.0	42.6	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1
GE 1800	43.4	45.4	45.5	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9
GE 1600	43.9	45.5	45.6	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0
GE 1400	44.4	46.0	46.1	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6
GE 1200	46.7	50.3	50.4	50.4	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 1000	52.8	54.4	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
GE 900	55.4	57.4	57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0
GE 800	63.9	66.5	66.6	66.6	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 700	67.5	70.6	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 600	69.1	72.3	72.5	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 500	74.7	78.1	78.4	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 400	79.6	83.5	84.1	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
GE 300	81.7	86.8	87.5	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 200	83.9	89.2	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 100	85.1	90.6	91.7	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 2000	85.9	91.6	92.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 1800	86.3	92.3	93.7	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1600	86.3	92.5	94.0	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 1400	86.5	92.8	94.5	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 1200	86.7	93.0	94.8	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 1000	87.1	93.4	95.4	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 900	87.1	93.4	95.6	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 800	87.1	93.5	95.7	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 700	87.1	93.5	95.7	96.2	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 600	87.3	93.8	95.9	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	87.4	93.9	96.2	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3
GE 400	87.4	93.9	96.6	97.1	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.7
GE 300	87.4	93.9	96.8	97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2
GE 200	87.4	94.2	97.1	97.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7
GE 100	87.4	94.2	97.1	97.6	98.8	99.4	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.9	100.0	100.0
GE 0	97.4	99.2	97.1	97.6	98.6	99.4	99.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES							VISIBILITY IN STATUTE MILES									
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 2 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.1	31.3	31.3	31.4	31.5	31.5	31.9	31.9	31.9	31.9	32.0	32.2	32.4	32.4	32.5	32.7	
GE 20000	35.1	36.7	36.7	36.8	37.0	37.0	37.4	37.4	37.4	37.4	37.5	37.6	37.8	37.8	38.0	38.2	
GE 18000	36.7	38.3	38.3	38.4	38.6	38.6	39.0	39.0	39.0	39.0	39.1	39.2	39.5	39.5	39.6	39.8	
GE 16000	37.0	38.6	38.6	38.7	38.9	38.9	39.4	39.4	39.4	39.4	39.5	39.6	39.8	39.8	39.9	40.1	
GE 14000	37.4	39.0	39.0	39.1	39.4	39.4	39.8	39.8	39.8	39.8	39.9	40.0	40.2	40.2	40.3	40.5	
GE 12000	42.0	43.7	43.7	43.8	44.0	44.0	44.4	44.4	44.4	44.4	44.5	44.6	44.8	44.8	44.9	45.2	
GE 10000	44.2	49.8	49.8	49.9	50.1	50.1	50.5	50.5	50.5	50.5	50.6	50.8	51.0	51.0	51.1	51.3	
GE 9000	50.9	52.7	52.7	52.8	53.0	53.0	53.4	53.4	53.4	53.4	53.5	53.7	53.9	53.9	54.0	54.2	
GE 8000	54.6	60.6	60.6	60.8	61.0	61.0	61.4	61.4	61.4	61.4	61.5	61.6	61.8	61.8	61.9	62.2	
GE 7000	64.3	66.7	66.9	67.0	67.2	67.2	67.6	67.6	67.6	67.6	67.7	67.8	68.1	68.1	68.2	68.4	
GE 6000	66.1	68.7	68.9	69.0	69.2	69.2	69.7	69.7	69.7	69.7	69.8	69.9	70.1	70.1	70.2	70.4	
GE 5000	70.2	73.0	73.5	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.4	74.5	74.7	74.7	74.8	75.1	
GE 4500	74.9	78.0	78.5	78.6	78.8	78.8	79.2	79.2	79.2	79.2	79.4	79.5	79.7	79.7	79.8	80.0	
GE 4000	77.5	82.0	82.6	82.7	82.9	82.9	83.3	83.3	83.3	83.3	83.4	83.5	83.8	83.8	83.9	84.1	
GE 3500	80.1	84.6	85.2	85.4	85.6	85.6	86.0	86.0	86.0	86.0	86.1	86.2	86.5	86.5	86.6	86.8	
GE 3000	81.6	87.1	87.6	87.8	88.2	88.2	88.6	88.6	88.6	88.6	88.7	88.8	89.0	89.0	89.1	89.4	
GE 2500	82.2	88.1	88.7	88.9	89.4	89.4	89.8	89.8	89.8	89.8	89.9	90.0	90.2	90.2	90.3	90.5	
GE 2000	82.5	89.0	89.7	89.9	90.6	90.6	91.1	91.1	91.1	91.1	91.2	91.3	91.5	91.5	91.6	91.8	
GE 1800	82.7	89.4	90.0	90.2	91.1	91.1	91.5	91.5	91.5	91.5	91.6	91.7	91.9	91.9	92.0	92.3	
GE 1600	82.8	89.8	90.5	90.8	91.6	91.6	92.0	92.0	92.0	92.0	92.2	92.3	92.5	92.5	92.6	92.8	
GE 1400	82.8	89.9	90.6	90.9	91.7	91.7	92.2	92.2	92.2	92.2	92.3	92.4	92.6	92.6	92.7	92.9	
GE 1200	83.4	90.6	91.5	91.7	92.7	92.7	93.1	93.1	93.1	93.1	93.2	93.3	93.7	93.7	93.8	94.0	
GE 1000	83.4	90.6	91.7	92.0	93.1	93.1	93.5	93.5	93.5	93.5	93.7	93.8	94.1	94.1	94.2	94.4	
GE 900	83.5	91.1	92.2	92.5	93.5	93.5	94.0	94.0	94.0	94.0	94.1	94.2	94.5	94.5	94.6	94.8	
GE 800	83.8	91.3	92.4	92.7	93.8	93.8	94.2	94.2	94.2	94.2	94.3	94.4	94.7	94.7	94.8	95.1	
GE 700	84.0	91.5	92.6	92.9	94.0	94.0	94.4	94.4	94.4	94.4	94.5	94.6	94.9	94.9	95.1	95.3	
GE 600	84.5	92.3	93.3	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.3	95.4	95.7	95.7	95.8	96.0	
GE 500	84.5	92.4	94.1	94.5	95.8	95.8	96.2	96.2	96.2	96.2	96.3	96.5	96.8	96.8	97.2	97.4	
GE 400	84.6	92.7	94.4	94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.9	97.0	97.3	97.3	97.7	98.0	
GE 300	84.6	93.0	95.5	96.0	97.5	97.5	98.2	98.2	98.2	98.2	98.4	98.5	99.0	99.0	99.8	100.0	
GE 200	84.6	93.0	95.5	96.0	97.5	97.5	98.2	98.2	98.2	98.2	98.4	98.5	99.0	99.0	99.8	100.0	
GE 100	84.6	93.0	95.5	96.0	97.5	97.5	98.2	98.2	98.2	98.2	98.4	98.5	99.0	99.0	99.8	100.0	
GE 0	84.6	93.0	95.5	96.0	97.5	97.5	98.2	98.2	98.2	98.2	98.4	98.5	99.0	99.0	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.5	27.2	27.3	27.3	27.3	27.6	27.8	28.1	28.2	28.3	28.3	28.3	28.7	28.8	28.8	28.8
GE 20000	31.4	32.2	32.3	32.3	32.4	32.7	32.9	33.1	33.2	33.3	33.3	33.3	33.8	34.0	34.0	34.0
GE 18000	33.5	34.3	34.4	34.4	34.5	34.8	35.1	35.3	35.4	35.5	35.5	35.5	35.9	36.1	36.1	36.1
GE 16000	34.4	35.2	35.3	35.3	35.4	35.7	35.9	36.1	36.2	36.3	36.3	36.3	36.8	37.0	37.0	37.0
GE 14000	35.1	35.8	35.9	35.9	36.0	36.3	36.6	36.8	36.9	37.0	37.0	37.0	37.4	37.6	37.6	37.6
GE 12000	39.0	39.8	39.9	39.9	40.0	40.3	40.5	40.8	40.9	41.0	41.0	41.0	41.4	41.6	41.6	41.6
GE 10000	45.5	46.3	46.5	46.5	46.7	47.0	47.2	47.4	47.5	47.6	47.6	47.6	48.1	48.3	48.3	48.3
GE 9000	47.4	48.4	48.5	48.5	48.7	49.0	49.2	49.5	49.6	49.7	49.7	49.7	50.1	50.3	50.3	50.3
GE 8000	55.2	56.5	56.6	56.6	56.8	57.1	57.3	57.5	57.6	57.7	57.7	57.7	58.3	58.5	58.5	58.5
GE 7000	61.1	62.7	62.8	62.8	63.0	63.3	63.5	64.0	64.1	64.2	64.2	64.2	64.7	64.9	64.9	64.9
GE 6000	62.5	64.3	64.5	64.5	64.7	65.1	65.3	65.7	65.8	65.9	65.9	65.9	66.5	66.7	66.7	66.7
GE 5000	68.2	68.2	68.5	68.6	68.9	69.2	69.5	69.9	70.0	70.1	70.1	70.1	70.6	70.9	70.9	70.9
GE 4500	70.0	72.2	72.5	72.8	73.1	73.4	73.7	74.2	74.3	74.4	74.4	74.4	74.9	75.2	75.2	75.2
GE 4000	72.4	74.7	75.1	75.6	75.9	76.2	76.6	77.1	77.2	77.3	77.3	77.3	77.8	78.1	78.1	78.1
GE 3500	73.3	76.0	76.3	76.9	77.2	77.5	77.8	78.4	78.5	78.6	78.6	78.6	79.1	79.4	79.4	79.4
GE 3000	75.9	79.1	79.5	80.1	80.5	80.9	81.2	81.7	81.8	81.9	81.9	81.9	82.5	82.7	82.7	82.7
GE 2500	76.2	79.8	80.1	80.8	81.2	81.5	81.8	82.4	82.5	82.6	82.6	82.6	83.1	83.3	83.3	83.3
GE 2000	76.5	80.5	80.9	81.5	81.9	82.3	82.6	83.1	83.2	83.3	83.3	83.3	83.9	84.1	84.1	84.1
GE 1800	76.9	81.2	81.5	82.2	82.7	83.0	83.3	83.9	84.0	84.1	84.1	84.1	84.6	84.8	84.8	84.8
GE 1500	77.8	82.2	82.5	83.3	84.0	84.4	84.8	85.4	85.5	85.6	85.6	85.6	86.1	86.3	86.3	86.3
GE 1200	78.6	83.2	83.8	84.9	85.6	86.0	86.5	87.0	87.1	87.2	87.2	87.2	87.7	88.0	88.0	88.0
GE 1000	79.4	84.5	85.2	86.5	87.1	87.5	88.0	88.5	88.7	88.8	88.8	88.8	89.4	89.6	89.6	89.6
GE 900	79.9	85.1	85.7	87.0	87.6	88.1	88.8	89.4	89.6	89.7	89.7	89.7	90.2	90.4	90.4	90.4
GE 800	80.2	85.6	86.2	87.5	88.2	88.6	89.4	89.9	90.1	90.2	90.2	90.2	90.8	91.0	91.0	91.0
GE 700	80.4	86.1	86.8	88.1	88.7	89.1	89.9	90.4	90.6	90.8	90.8	90.8	91.4	91.6	91.6	91.6
GE 600	80.5	86.8	87.5	89.0	89.8	90.3	91.1	91.6	91.8	91.9	91.9	91.9	92.6	92.8	93.0	93.0
GE 500	81.3	87.7	88.9	90.6	91.6	92.2	92.9	93.5	93.9	94.1	94.1	94.1	94.7	94.9	95.2	95.2
GE 400	81.4	88.2	89.6	91.4	92.9	93.4	94.2	94.9	95.4	95.7	95.7	95.7	96.3	96.6	96.8	96.9
GE 300	81.4	88.2	89.7	91.7	93.5	94.1	94.9	95.8	96.3	96.7	96.8	96.8	97.5	97.7	98.1	98.3
GE 200	81.4	88.2	90.0	92.0	93.9	94.4	95.3	96.2	96.8	97.2	97.5	97.5	98.4	98.7	99.1	99.6
GE 100	81.4	88.2	90.0	92.0	93.9	94.4	95.3	96.2	96.8	97.2	97.5	97.5	98.6	98.9	99.5	100.0
GE 0	81.4	88.2	90.0	92.0	93.9	94.4	95.3	96.2	96.8	97.2	97.5	97.5	98.6	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.5	29.5	29.5	29.5	29.6	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9
GE 20000	36.5	36.5	36.5	36.5	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9
GE 18000	38.7	38.7	38.7	38.7	38.8	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1
GE 16000	39.4	39.4	39.4	39.4	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8
GE 14000	40.3	40.3	40.3	40.3	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.8	40.8	40.8	40.8
GE 12000	44.3	44.3	44.3	44.3	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7
GE 10000	50.9	51.0	51.1	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5
GE 9000	53.4	53.5	53.7	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1
GE 8000	60.3	60.5	60.6	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 7000	64.7	64.9	65.2	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 6000	65.8	66.3	66.7	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 5000	68.1	68.6	68.9	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 4500	70.8	71.5	71.8	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
GE 4000	72.6	73.9	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 3500	74.5	76.0	76.3	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 3000	77.2	79.8	80.3	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 2500	78.5	81.3	81.9	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 2000	78.9	81.7	82.4	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 1800	79.2	82.0	82.7	83.0	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 1500	80.9	83.9	84.5	85.1	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 1200	81.4	84.7	85.8	86.7	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1000	81.9	86.3	87.5	88.5	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 900	82.6	87.4	88.8	89.9	90.6	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 800	82.9	88.1	89.5	90.5	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 700	83.3	89.4	91.1	92.2	93.3	93.7	93.8	93.9	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3
GE 600	84.0	90.4	92.9	94.0	95.4	95.8	96.0	96.2	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 500	84.3	91.5	94.2	95.5	97.0	97.4	97.7	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.5
GE 400	84.3	91.6	94.3	95.7	97.3	98.0	98.4	98.6	98.7	98.8	98.8	98.8	99.0	99.1	99.1	99.1
GE 300	84.3	91.6	94.4	95.8	97.6	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.7	99.9	99.9	99.9
GE 200	84.3	91.6	94.4	95.8	97.6	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.7	99.9	99.9	99.9
GE 100	84.3	91.6	94.4	95.8	97.6	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.7	100.0	100.0	100.0
GE 0	84.3	91.6	94.4	95.8	97.6	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	29.9	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 20000		38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	
GE 18000		42.8	43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	
GE 16000		43.2	43.4	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
GE 14000		44.7	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 12000		48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
GE 10000		55.5	55.7	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
GE 9000		57.4	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 8000		63.7	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GE 7000		68.0	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 6000		69.1	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 5000		70.8	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 4500		71.9	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 4000		74.8	76.2	76.3	76.5	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
GE 3500		78.6	80.4	80.5	80.6	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 3000		81.8	84.3	84.6	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 2500		83.5	86.8	87.1	87.3	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 2000		84.7	88.2	88.6	88.8	89.1	89.1	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 1800		84.7	88.5	88.9	89.1	89.5	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 1500		86.8	91.3	92.2	92.4	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1200		87.5	92.4	93.7	93.9	94.5	94.5	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1000		88.3	93.7	95.3	95.5	96.5	96.5	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	
GE 900		88.3	93.9	95.7	96.0	97.0	97.0	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
GE 800		88.7	94.3	96.1	96.5	97.4	97.4	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
GE 700		88.7	94.3	96.1	96.5	97.4	97.4	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	
GE 600		88.8	95.1	97.2	97.5	98.8	98.8	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0		88.9	95.2	97.4	97.7	99.0	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.6	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	39.7	39.9	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 18000	42.4	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	43.7	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 14000	44.9	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	50.0	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	56.7	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	59.2	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	67.3	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	71.5	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	74.3	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	77.7	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	79.4	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	82.5	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	85.8	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	88.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	90.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	93.8	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	90.9	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	91.7	95.2	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	91.9	96.0	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	92.0	96.3	98.0	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	92.0	96.7	98.3	98.5	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	92.0	96.7	98.3	98.5	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	92.0	96.8	98.4	98.6	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.0	96.8	98.7	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.0	96.8	98.7	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	92.0	96.8	98.7	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.0	96.8	98.7	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.0	96.8	98.7	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	96.8	98.7	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	92.0	96.8	98.7	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	33.9	34.0	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 20000		44.2	44.4	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000		47.4	47.6	47.7	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000		48.2	48.4	48.5	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 14000		50.5	50.8	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 12000		56.9	57.1	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000		62.3	62.7	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000		65.9	66.3	66.5	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000		74.8	75.4	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000		77.6	78.7	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000		79.9	81.0	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000		84.7	85.9	86.1	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4500		86.5	87.6	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000		89.6	91.1	91.4	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500		91.1	93.0	93.4	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000		91.7	93.7	94.1	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500		92.4	94.4	94.8	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000		92.7	95.1	95.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800		92.9	95.3	96.2	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500		93.1	96.0	97.7	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200		93.1	96.2	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000		93.1	96.2	98.0	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900		93.1	96.6	98.5	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		93.1	96.6	98.6	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700		93.1	96.6	98.6	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.2	96.7	98.7	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(157): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	35.4	36.0	36.0	36.1	36.1	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 20000	42.3	43.3	43.3	43.4	43.4	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 18000	45.6	46.7	46.7	46.8	46.8	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	45.8	46.9	46.9	47.0	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	47.0	48.1	48.1	48.2	48.2	48.2	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 12000	52.7	53.8	53.8	53.9	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	57.1	58.2	58.2	58.3	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	59.2	60.5	60.5	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	68.6	70.3	70.3	70.4	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	72.6	74.7	74.7	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 6000	74.9	77.3	77.3	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	81.1	83.4	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	83.8	86.1	86.2	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	86.9	90.5	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	88.9	92.7	93.0	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	89.8	93.8	94.3	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	90.2	94.6	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	90.3	94.7	96.1	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	90.3	94.7	96.3	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	91.0	95.4	97.1	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	91.0	95.5	97.3	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	91.0	95.5	97.4	97.5	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	91.0	95.7	97.6	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	91.0	95.7	97.6	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	91.1	96.1	98.1	98.2	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	91.1	96.2	98.2	98.3	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	91.1	96.6	98.5	98.6	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	91.1	96.6	98.5	98.6	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.1	96.7	98.6	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.1	96.7	98.6	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	96.7	98.6	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	91.1	96.7	98.6	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(IST):

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	31.8	31.9	31.9	32.0	32.1	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4
GE 20000	38.6	39.3	39.4	39.4	39.5	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.9	40.0	40.0	40.0
GE 18000	41.4	42.1	42.1	42.2	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.8	42.8
GE 16000	41.9	42.6	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.4
GE 14000	43.1	43.8	43.9	43.9	44.0	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.5	44.5	44.5
GE 12000	47.8	48.5	48.6	48.7	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3
GE 10000	53.6	54.4	54.5	54.5	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2
GE 9000	56.1	57.1	57.1	57.2	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8	57.8
GE 8000	64.0	65.3	65.4	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.1
GE 7000	68.4	69.9	70.1	70.1	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.8	70.8	70.8
GE 6000	70.2	71.9	72.0	72.1	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8
GE 5000	74.2	75.9	76.2	76.3	76.4	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.9	76.9	76.9	77.0
GE 4500	77.1	79.0	79.3	79.4	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1
GE 4000	79.7	82.4	82.7	82.9	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.6	83.6	83.6
GE 3500	82.0	84.9	85.3	85.5	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2
GE 3000	83.9	87.3	87.8	88.0	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.8	88.8	88.8
GE 2500	84.9	88.6	89.2	89.4	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.2
GE 2000	85.3	89.4	90.1	90.3	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2
GE 1800	85.5	89.7	90.5	90.7	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6
GE 1500	86.3	90.8	91.8	92.2	92.6	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2
GE 1200	86.6	91.4	92.6	93.1	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2
GE 1000	87.0	92.1	93.5	94.0	94.6	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
GE 900	87.2	92.4	94.0	94.5	95.1	95.3	95.6	95.7	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 800	87.3	92.7	94.3	94.8	95.4	95.7	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 700	87.4	93.0	94.6	95.1	95.9	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9	97.0
GE 600	87.6	93.4	95.2	95.8	96.6	96.9	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.7	97.7	97.7
GE 500	87.8	93.8	95.8	96.3	97.2	97.5	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.4	98.4	98.5
GE 400	87.9	93.9	96.0	96.6	97.6	97.9	98.3	98.5	98.6	98.6	98.7	98.7	98.8	98.9	99.0	99.0
GE 300	87.9	94.0	96.1	96.7	97.8	98.2	98.6	98.8	98.9	98.9	99.0	99.0	99.2	99.3	99.4	99.4
GE 200	87.9	94.0	96.3	97.0	98.1	98.4	98.8	99.0	99.2	99.2	99.3	99.4	99.6	99.7	99.8	99.9
GE 100	87.9	94.0	96.3	97.0	98.1	98.4	98.8	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0
GE 0	87.9	94.0	96.3	97.0	98.1	98.4	98.8	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.2	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 20000	40.7	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 18000	41.7	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 16000	41.9	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 14000	42.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	44.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
GE 10000	47.3	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 9000	48.8	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 8000	58.0	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
GE 7000	62.1	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 6000	63.3	68.2	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 5000	67.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 4500	69.9	75.4	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.2
GE 4000	72.2	78.6	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.3
GE 3500	75.1	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.6
GE 3000	77.2	85.0	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.9
GE 2500	78.4	87.1	87.6	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.6
GE 2000	79.2	88.0	88.9	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.2
GE 1800	79.4	88.2	89.1	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4
GE 1500	80.0	89.2	90.8	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.3
GE 1200	81.0	90.2	92.0	92.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.9
GE 1000	81.6	90.8	92.6	93.1	94.3	94.3	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	95.0
GE 900	81.6	90.8	92.6	93.1	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	95.0
GE 800	81.6	90.8	92.7	93.2	94.4	94.4	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.2
GE 700	81.7	90.9	92.8	93.3	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.4
GE 600	81.7	90.9	92.9	93.4	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.7
GE 500	81.7	91.1	93.4	94.0	95.7	96.1	96.6	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.1
GE 400	81.7	91.2	93.9	94.4	96.4	96.9	97.7	97.9	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.3
GE 300	81.7	91.2	93.9	94.4	97.0	97.4	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.3	99.4	99.4	99.6
GE 200	81.7	91.2	93.9	94.4	97.0	97.4	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.3	99.4	99.6	99.8
GE 100	81.7	91.2	93.9	94.4	97.0	97.4	98.4	98.9	98.9	98.9	99.0	99.2	99.3	99.4	99.7	99.8	100.0
GE CL	81.7	91.2	93.9	94.4	97.0	97.4	98.4	98.9	98.9	98.9	99.0	99.2	99.3	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.4	35.2	35.3	35.7	36.0	36.0	36.1	36.2	36.2	36.3	36.6	36.6	37.0	37.0	37.0	37.0
GE 20000	37.0	40.0	40.1	40.4	40.8	40.8	40.9	41.0	41.0	41.1	41.3	41.3	41.8	41.9	41.9	42.0
GE 18000	37.9	40.9	41.0	41.3	41.7	41.7	41.8	41.9	41.9	42.0	42.2	42.2	42.7	42.8	42.8	42.9
GE 16000	38.0	41.0	41.1	41.4	41.8	41.8	41.9	42.0	42.0	42.1	42.3	42.3	42.8	42.9	42.9	43.0
GE 14000	38.2	41.4	41.6	41.9	42.2	42.2	42.3	42.4	42.4	42.6	42.8	42.8	43.2	43.3	43.3	43.4
GE 12000	39.3	42.8	42.9	43.2	43.6	43.6	43.7	43.8	43.8	43.9	44.1	44.1	44.6	44.7	44.7	44.8
GE 10000	43.0	46.6	46.7	47.0	47.4	47.4	47.6	47.7	47.7	47.8	48.0	48.0	48.4	48.6	48.6	48.7
GE 9000	44.3	48.2	48.3	48.7	49.1	49.1	49.2	49.3	49.3	49.4	49.7	49.7	50.1	50.2	50.2	50.3
GE 8000	53.1	57.7	57.9	58.2	58.7	58.7	58.8	58.9	58.9	59.0	59.2	59.2	59.8	59.9	59.9	60.0
GE 7000	57.1	62.6	62.9	63.2	63.7	63.7	63.8	63.9	63.9	64.0	64.2	64.2	64.8	64.9	64.9	65.0
GE 6000	58.8	64.4	64.8	65.1	65.7	65.7	65.8	65.9	65.9	66.0	66.2	66.2	66.8	66.9	66.9	67.0
GE 5000	62.4	68.2	68.7	69.0	69.8	69.8	69.9	70.0	70.0	70.1	70.3	70.3	70.9	71.0	71.0	71.1
GE 4500	65.4	71.4	71.9	72.2	73.0	73.0	73.1	73.2	73.2	73.3	73.6	73.6	74.1	74.2	74.2	74.3
GE 4000	67.7	74.6	75.0	75.3	76.1	76.1	76.2	76.3	76.3	76.4	76.7	76.7	77.2	77.3	77.3	77.4
GE 3500	70.1	78.0	78.4	78.8	79.6	79.6	79.7	79.8	79.8	79.9	80.1	80.1	80.7	80.8	80.8	80.9
GE 3000	71.8	81.2	81.7	82.0	82.8	82.8	82.9	83.0	83.0	83.1	83.3	83.3	83.9	84.0	84.0	84.1
GE 2500	72.3	82.4	83.1	83.6	84.3	84.3	84.4	84.6	84.6	84.7	84.9	84.9	85.4	85.6	85.6	85.7
GE 2000	73.1	83.3	84.0	84.4	85.2	85.2	85.3	85.4	85.4	85.7	85.9	85.9	86.4	86.6	86.6	86.7
GE 1800	74.0	84.2	84.9	85.3	86.1	86.1	86.2	86.3	86.3	86.6	86.8	86.8	87.3	87.4	87.4	87.6
GE 1500	74.8	85.7	86.4	86.9	87.8	87.8	87.9	88.0	88.0	88.2	88.4	88.4	89.0	89.1	89.1	89.2
GE 1200	76.0	87.0	87.8	88.2	89.1	89.1	89.2	89.3	89.3	89.6	89.8	89.8	90.3	90.4	90.4	90.6
GE 1000	76.8	88.0	88.9	89.4	90.4	90.4	90.6	90.7	90.7	90.9	91.1	91.1	91.7	91.8	91.8	91.9
GE 900	76.8	88.0	89.0	89.6	90.7	90.7	90.8	90.9	90.9	91.1	91.3	91.3	91.9	92.1	92.1	92.2
GE 800	77.0	88.2	89.6	90.1	91.4	91.4	91.6	91.7	91.7	91.9	92.1	92.1	92.7	92.9	92.9	93.0
GE 700	77.1	88.8	90.2	90.8	92.1	92.2	92.3	92.4	92.4	92.7	92.9	92.9	93.4	93.7	93.7	93.8
GE 600	77.2	88.9	90.6	91.1	92.6	92.7	92.8	92.9	92.9	93.1	93.3	93.3	93.9	94.1	94.1	94.2
GE 500	77.2	89.6	91.3	92.0	94.2	94.3	94.4	94.9	94.9	95.1	95.3	95.3	95.9	96.2	96.2	96.3
GE 400	77.2	89.8	91.6	92.3	94.7	94.8	95.6	96.0	96.1	96.6	96.8	96.8	97.3	97.8	98.0	98.1
GE 300	77.4	90.0	91.8	92.7	95.3	95.4	96.2	96.8	96.9	97.0	97.7	97.7	98.3	98.8	99.0	99.1
GE 200	77.4	90.0	91.9	92.8	95.4	95.6	96.4	97.1	97.2	97.7	98.0	98.0	98.9	99.4	99.8	100.0
GE 100	77.4	90.0	91.9	92.8	95.4	95.6	96.4	97.1	97.2	97.7	98.0	98.0	98.9	99.4	99.8	100.0
GE 70	77.4	90.0	91.9	92.8	95.4	95.6	96.4	97.1	97.2	97.7	98.0	98.0	98.9	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.0	25.9	26.1	26.6	26.6	26.7	26.9	27.1	27.2	27.3	27.6	27.6	27.8	27.9	28.3	28.3
GE 20000	32.0	33.2	33.4	33.9	33.9	34.0	34.2	34.4	34.6	34.8	35.0	35.0	35.2	35.3	35.9	35.9
GE 18000	33.8	35.1	35.4	36.0	36.0	36.1	36.4	36.7	36.8	37.0	37.3	37.3	37.6	37.7	38.2	38.2
GE 16000	34.4	35.8	36.1	36.7	36.7	36.8	37.1	37.3	37.4	37.7	38.0	38.0	38.2	38.3	38.9	38.9
GE 14000	35.2	36.6	36.9	37.4	37.4	37.6	37.9	38.1	38.2	38.4	38.8	38.8	39.0	39.1	39.7	39.7
GE 12000	38.3	39.7	40.0	40.6	40.6	40.7	41.0	41.2	41.3	41.6	41.9	41.9	42.1	42.2	42.8	42.9
GE 10000	42.8	44.4	44.8	45.3	45.4	45.6	45.9	46.2	46.3	46.6	46.9	46.9	47.1	47.2	47.8	47.9
GE 9000	44.8	46.4	46.8	47.3	47.4	47.6	47.9	48.2	48.3	48.6	48.9	48.9	49.2	49.4	50.0	50.1
GE 8000	53.8	55.9	56.3	56.9	57.0	57.1	57.4	57.8	57.9	58.2	58.6	58.6	59.0	59.2	59.9	60.0
GE 7000	57.7	59.9	60.3	60.9	61.0	61.1	61.4	61.8	61.9	62.3	62.7	62.7	63.1	63.3	64.0	64.1
GE 6000	59.0	61.2	61.7	62.2	62.4	62.6	62.9	63.2	63.3	63.8	64.1	64.1	64.6	64.8	65.4	65.6
GE 5000	62.6	64.8	65.4	66.0	66.2	66.3	66.8	67.1	67.2	67.7	68.0	68.0	68.4	68.7	69.3	69.4
GE 4000	66.0	68.3	69.0	69.6	69.8	69.9	70.3	70.7	70.8	71.2	71.6	71.6	72.0	72.2	72.9	73.0
GE 4000	68.1	70.9	71.6	72.1	72.3	72.4	72.9	73.2	73.3	73.8	74.1	74.1	74.6	74.8	75.4	75.6
GE 3500	71.1	74.4	75.1	75.7	76.0	76.1	76.6	76.9	77.0	77.4	77.8	77.8	78.2	78.4	79.1	79.2
GE 3000	72.8	77.1	77.8	78.3	78.7	78.9	79.3	79.9	80.0	80.4	80.8	80.8	81.2	81.4	82.1	82.2
GE 2500	73.4	78.3	79.2	79.8	80.2	80.4	80.9	81.4	81.6	82.0	82.3	82.3	82.8	83.0	83.7	83.8
GE 2000	74.7	79.8	80.7	81.3	81.8	82.0	82.4	83.0	83.1	83.7	84.0	84.0	84.4	84.7	85.3	85.4
GE 1800	75.0	80.2	81.1	81.8	82.2	82.4	82.9	83.4	83.6	84.1	84.4	84.4	84.9	85.1	85.8	85.9
GE 1500	75.4	80.9	81.8	82.6	83.1	83.3	83.8	84.3	84.4	85.0	85.3	85.3	85.8	86.0	86.7	86.8
GE 1200	75.8	81.6	82.4	83.2	83.8	84.0	84.4	85.0	85.1	85.7	86.0	86.0	86.4	86.7	87.3	87.4
GE 1000	76.3	82.4	83.3	84.1	84.7	84.9	85.3	85.9	86.0	86.6	86.9	86.9	87.3	87.6	88.2	88.3
GE 900	76.7	82.8	83.8	84.7	85.3	85.6	86.0	86.6	86.7	87.2	87.6	87.6	88.1	88.3	89.0	89.1
GE 800	77.3	83.9	84.9	85.9	86.9	87.1	87.6	88.1	88.2	88.9	89.2	89.2	89.8	90.0	90.7	90.8
GE 700	77.7	85.1	86.3	87.3	88.3	88.6	89.0	89.6	89.7	90.3	90.7	90.7	91.2	91.4	92.1	92.2
GE 600	77.9	85.7	87.0	88.2	89.4	89.7	90.2	90.8	90.9	91.6	91.9	92.0	92.6	92.8	93.4	93.6
GE 500	77.9	86.1	87.7	89.2	91.1	91.3	92.1	93.2	93.3	94.0	94.4	94.7	95.2	95.4	96.1	96.2
GE 400	77.9	86.1	87.7	89.4	91.8	92.0	93.2	94.3	94.4	95.4	96.0	96.2	97.0	97.2	97.9	98.1
GE 300	77.9	86.2	87.8	89.6	92.2	92.4	93.8	95.0	95.1	96.2	97.0	97.2	98.1	98.3	99.0	99.2
GE 200	77.9	86.2	87.8	89.6	92.2	92.4	93.9	95.1	95.2	96.3	97.2	97.4	98.6	98.8	99.4	99.7
GE 100	77.9	86.2	87.8	89.6	92.2	92.4	93.9	95.1	95.2	96.3	97.2	97.4	98.6	98.9	99.6	99.9
GE 0	77.9	86.2	87.8	89.6	92.2	92.4	93.9	95.1	95.2	96.3	97.2	97.4	98.6	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	29.6	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.4
GE 20000	36.0	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9
GE 18000	37.9	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.9
GE 16000	38.8	39.4	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.8
GE 14000	40.0	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.0
GE 12000	45.9	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.9
GE 10000	51.3	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.6
GE 9000	53.7	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.0
GE 8000	60.3	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9
GE 7000	63.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.8
GE 6000	65.6	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.6
GE 5000	68.3	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.6	70.6	70.7
GE 4500	70.4	72.6	72.6	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.4	73.4	73.6
GE 4000	73.1	75.7	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.6	76.7	76.7	76.8
GE 3500	75.8	78.6	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.6	79.7	79.7	79.8
GE 3000	77.1	80.7	81.0	81.2	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.1	82.2	82.3	82.3	82.4
GE 2500	78.0	81.7	82.1	82.3	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.2	83.3	83.4	83.4	83.6
GE 2000	79.6	82.3	82.8	83.1	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.1	84.2	84.3	84.3	84.4
GE 1800	78.7	82.4	82.9	83.2	83.8	83.9	83.9	84.0	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.6
GE 1500	79.3	83.3	83.8	84.1	84.7	84.8	84.8	84.9	84.9	85.0	85.1	85.2	85.3	85.3	85.4	85.4
GE 1200	79.7	84.2	84.8	85.1	85.7	85.8	85.8	85.9	86.0	86.2	86.3	86.4	86.6	86.6	86.7	86.7
GE 1000	80.6	85.8	86.8	87.3	87.9	88.1	88.1	88.2	88.3	88.7	88.8	88.9	89.0	89.0	89.1	89.1
GE 900	80.7	86.1	87.3	87.9	88.6	88.8	88.8	88.9	89.0	89.3	89.4	89.6	89.7	89.7	89.8	89.8
GE 800	80.9	87.1	88.4	89.0	89.7	89.9	89.9	90.0	90.1	90.2	90.6	90.7	90.8	90.9	91.0	91.0
GE 700	81.1	87.4	88.8	89.3	90.2	90.4	90.4	90.7	90.8	91.0	91.3	91.4	91.6	91.7	91.7	91.8
GE 600	81.4	88.1	89.7	90.4	91.4	91.7	92.0	92.1	92.3	92.8	92.9	93.0	93.1	93.1	93.2	93.2
GE 500	81.7	88.7	90.6	91.3	93.4	93.9	94.4	94.8	95.1	95.8	96.3	96.4	96.6	96.6	96.7	96.7
GE 400	81.7	88.7	90.6	91.3	93.9	94.4	95.0	95.4	95.8	96.7	97.2	97.3	97.4	97.4	97.6	97.6
GE 300	81.7	88.7	90.9	91.7	94.9	95.4	96.0	96.6	96.9	97.9	98.7	98.9	99.0	99.0	99.1	99.1
GE 200	81.7	88.7	90.9	91.7	94.9	95.6	96.1	96.7	97.0	98.0	99.1	99.3	99.7	99.7	99.8	99.8
GE 100	81.7	88.7	90.9	91.7	94.9	95.6	96.1	96.7	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0
GE 0	81.7	88.7	90.9	91.7	94.9	95.6	96.1	96.7	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	28.4	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	
GE 20000	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
GE 18000	34.2	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
GE 16000	39.3	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
GE 14000	41.2	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
GE 12000	46.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
GE 10000	52.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 9000	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
GE 8000	62.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
GE 7000	65.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 6000	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
GE 5000	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
GE 4500	73.0	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 4000	75.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 3500	77.2	80.4	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 3000	80.8	84.4	84.6	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 2500	81.9	85.9	86.0	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 2000	82.3	87.2	87.3	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 1800	82.8	88.3	88.4	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 1500	83.8	89.7	89.9	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
GE 1200	84.9	91.6	92.1	92.1	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 1000	85.9	93.0	93.8	94.0	94.8	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 900	85.9	93.2	94.1	94.3	95.2	95.2	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 800	86.0	93.7	94.6	94.8	95.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 700	86.0	93.9	94.9	95.2	96.3	96.3	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 600	86.1	94.3	95.7	96.1	97.2	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 500	86.1	94.4	95.9	96.4	98.0	98.0	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 400	86.1	94.7	96.1	96.7	98.2	98.2	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
GE 300	86.1	94.7	96.1	96.7	98.3	98.3	98.9	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	
GE 200	86.1	94.7	96.1	96.7	98.3	98.3	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	
GE 100	86.1	94.7	96.1	96.7	98.3	98.3	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	
GE 0	86.1	94.7	96.1	96.7	98.3	98.3	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 20000	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	34.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 14000	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	48.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	57.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 8000	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	68.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	70.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	73.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	75.4	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	79.4	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	80.8	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	84.6	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2500	85.2	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	86.7	90.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	86.9	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1600	88.0	92.7	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1400	88.4	93.8	94.7	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	89.1	95.1	96.1	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	89.2	95.2	96.2	96.7	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	89.3	95.3	96.3	96.8	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	89.3	95.8	96.9	97.4	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2
GE 600	89.4	96.0	97.6	98.2	98.7	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.4	96.0	97.7	98.4	99.2	99.2	99.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	89.4	96.0	97.7	98.4	99.2	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
GE 300	89.4	96.0	97.7	98.4	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.4	96.0	97.7	98.4	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.4	96.0	97.7	98.4	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.4	96.0	97.7	98.4	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.7	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 20000	36.8	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 18000	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 16000	40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	41.2	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 12000	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 10000	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 8000	64.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	69.3	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	71.4	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	75.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	76.8	79.1	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	82.0	82.4	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	82.6	85.0	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	84.6	89.0	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	85.1	90.0	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	86.4	91.7	92.6	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	86.4	91.8	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	87.8	93.8	94.8	95.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	87.8	93.8	94.8	95.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	87.8	94.2	95.4	95.8	96.0	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.8	97.0	97.0	97.0	97.0
GE 900	88.0	94.4	95.7	96.0	96.2	96.4	96.6	96.6	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	88.2	94.8	96.1	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	88.2	94.8	96.1	96.4	96.8	97.0	97.1	97.1	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	88.3	95.6	96.9	97.4	97.9	98.1	98.2	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	88.3	95.8	97.1	97.7	98.8	99.0	99.1	99.1	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	88.3	95.9	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.3	95.9	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.3	95.9	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.3	95.9	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	88.3	95.9	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.1	37.1
GE 20000	40.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.1	42.1
GE 18000	41.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.2	43.2
GE 16000	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.7	43.7
GE 14000	42.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3	44.3
GE 12000	47.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.1	49.1
GE 10000	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.6	53.6
GE 9000	53.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3
GE 8000	63.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.3
GE 7000	68.4	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.3
GE 6000	69.2	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
GE 5000	72.9	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3	76.3
GE 4000	75.1	78.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9
GE 3000	77.2	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4
GE 2000	79.8	84.1	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8
GE 1000	81.1	86.8	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
GE 2000	82.3	89.1	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.6	90.6
GE 1800	83.2	90.1	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3
GE 1600	83.3	90.2	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.4	91.4
GE 1400	83.8	91.7	92.3	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.4	93.4
GE 1200	84.2	92.7	93.7	93.8	94.9	94.9	95.0	95.1	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.7	95.7
GE 1000	84.4	93.3	94.4	94.6	95.7	95.7	95.8	96.1	96.1	96.1	96.4	96.4	96.4	96.6	96.6	96.7	96.7
GE 900	84.6	93.4	94.8	94.9	96.0	96.0	96.1	96.4	96.4	96.4	96.8	96.8	96.8	96.9	96.9	97.0	97.0
GE 800	84.7	93.6	94.9	95.0	96.1	96.1	96.2	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.1	97.1
GE 700	84.7	93.6	94.9	95.0	96.1	96.1	96.2	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.1	97.1
GE 600	84.8	93.7	95.0	95.1	96.2	96.2	96.3	96.7	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.2	97.2
GE 500	84.9	94.1	95.6	95.7	97.1	97.1	97.4	97.6	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.4	98.4
GE 400	84.9	94.1	95.7	95.8	97.6	97.9	98.1	98.4	98.4	98.4	98.9	98.9	98.9	99.0	99.0	99.1	99.1
GE 300	84.9	94.2	96.0	96.2	98.1	98.4	98.4	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	84.9	94.2	96.0	96.2	98.1	98.4	98.4	98.9	99.2	99.2	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	84.9	94.2	96.0	96.2	98.1	98.4	98.4	98.9	99.2	99.2	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	84.9	94.2	96.0	96.2	98.1	98.4	98.4	98.9	99.2	99.2	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.8	31.9	32.0	32.1	32.1	32.1	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.5	32.5
GE 20000	36.5	37.8	37.8	37.9	38.0	38.0	38.0	38.1	38.1	38.2	38.2	38.2	38.3	38.3	38.4	38.4
GE 18000	38.6	39.9	40.0	40.1	40.2	40.2	40.3	40.3	40.3	40.4	40.4	40.4	40.5	40.6	40.7	40.7
GE 16000	39.4	40.7	40.8	40.9	40.9	40.9	41.0	41.0	41.1	41.1	41.2	41.2	41.3	41.3	41.4	41.4
GE 14000	40.3	41.8	41.8	41.9	42.0	42.0	42.1	42.1	42.1	42.2	42.3	42.3	42.4	42.4	42.5	42.5
GE 12000	44.6	46.2	46.2	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.8	46.8	46.9	46.9
GE 10000	49.7	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.2	52.3
GE 9000	51.7	53.6	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.3	54.3	54.4	54.4
GE 8000	60.0	62.1	62.2	62.3	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.8	62.9	63.0	63.1	63.1
GE 7000	64.1	66.7	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.6	67.6	67.7	67.8
GE 6000	65.5	68.3	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.1	69.2	69.3	69.3
GE 5000	69.0	71.9	72.1	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.9	73.0	73.1	73.1
GE 4500	71.5	74.8	75.1	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.8	75.8	76.0	76.0	76.1	76.2
GE 4000	74.2	77.9	78.2	78.4	78.6	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.1	79.2	79.3	79.3
GE 3500	76.6	80.7	81.0	81.1	81.4	81.4	81.5	81.6	81.6	81.7	81.8	81.8	81.9	82.0	82.1	82.1
GE 3000	78.7	83.9	84.3	84.5	84.8	84.9	84.9	85.0	85.1	85.1	85.2	85.3	85.4	85.5	85.6	85.6
GE 2500	79.6	85.3	85.9	86.1	86.4	86.5	86.6	86.7	86.7	86.8	86.9	86.9	87.1	87.1	87.2	87.3
GE 2000	80.5	86.6	87.2	87.5	87.9	88.0	88.1	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.7	88.8
GE 1800	80.8	87.1	87.7	88.0	88.4	88.5	88.6	88.7	88.7	88.8	88.9	88.9	89.1	89.1	89.2	89.3
GE 1500	81.6	88.4	89.2	89.5	90.0	90.0	90.2	90.3	90.3	90.4	90.5	90.6	90.7	90.8	90.9	90.9
GE 1200	82.2	89.3	90.3	90.6	91.2	91.3	91.4	91.6	91.6	91.8	91.9	91.9	92.1	92.2	92.3	92.3
GE 1000	82.8	90.3	91.4	91.9	92.6	92.7	92.8	93.0	93.0	93.2	93.4	93.4	93.5	93.6	93.7	93.7
GE 900	82.9	90.5	91.7	92.1	92.9	93.0	93.2	93.3	93.4	93.6	93.7	93.7	93.9	94.0	94.1	94.1
GE 800	83.1	90.9	92.2	92.7	93.5	93.6	93.8	93.9	94.0	94.2	94.4	94.4	94.6	94.6	94.7	94.8
GE 700	83.2	91.3	92.6	93.1	94.0	94.1	94.3	94.5	94.6	94.8	95.0	95.0	95.2	95.2	95.3	95.4
GE 600	83.4	91.6	93.2	93.8	94.8	94.9	95.1	95.3	95.4	95.6	95.8	95.8	96.0	96.0	96.2	96.2
GE 500	83.4	92.0	93.7	94.3	95.9	96.2	96.5	96.8	96.9	97.2	97.4	97.5	97.7	97.7	97.8	97.9
GE 400	83.4	92.1	93.8	94.5	96.3	96.6	97.1	97.5	97.6	98.0	98.3	98.3	98.5	98.6	98.7	98.8
GE 300	83.4	92.1	93.9	94.7	96.8	97.0	97.6	98.1	98.2	98.6	99.0	99.0	99.3	99.4	99.5	99.6
GE 200	83.4	92.1	93.9	94.7	96.8	97.0	97.7	98.1	98.3	98.7	99.1	99.2	99.5	99.6	99.8	99.9
GE 100	83.4	92.1	93.9	94.7	96.8	97.0	97.7	98.1	98.3	98.7	99.1	99.2	99.6	99.7	99.9	100.0
GE 0	83.4	92.1	93.9	94.7	96.8	97.0	97.7	98.1	98.3	98.7	99.1	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.2	35.2	35.3	35.3	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	35.5	38.5	38.6	38.6	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	37.2	40.3	40.8	40.8	41.2	41.2	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 16000	37.6	40.9	41.3	41.3	41.7	41.7	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	39.2	42.5	42.9	42.9	43.3	43.3	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000	41.4	44.6	45.1	45.1	45.5	45.5	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	43.5	47.4	47.8	47.8	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	45.2	49.0	49.5	49.5	49.9	49.9	50.0	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 8000	50.1	54.8	55.8	55.9	56.6	56.6	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	52.7	57.7	58.7	58.8	59.5	59.5	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 6000	53.0	58.2	59.1	59.4	60.0	60.0	60.1	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	55.5	61.1	62.2	62.4	63.0	63.0	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	58.3	64.4	65.5	65.8	66.7	66.7	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	58.7	65.5	66.7	67.1	68.1	68.1	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3500	61.0	68.3	69.8	70.2	71.2	71.3	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	62.7	71.1	73.0	73.4	74.9	75.1	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	63.7	72.5	74.5	75.2	77.0	77.2	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	65.2	74.3	76.5	77.3	79.2	79.6	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1900	65.3	74.4	76.6	77.4	79.4	79.7	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	66.2	75.9	78.3	79.6	81.9	82.8	84.1	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	66.5	76.9	79.2	80.5	82.9	83.8	85.6	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	67.3	78.4	81.2	82.7	85.4	86.2	88.7	89.1	89.1	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 900	67.3	78.8	81.6	83.1	85.8	86.7	89.1	89.6	89.7	90.1	90.1	90.1	90.2	90.4	90.4	90.4
GE 800	67.4	79.0	81.9	83.8	86.6	87.4	90.2	90.6	90.8	91.3	91.4	91.4	91.5	91.7	91.7	91.7
GE 700	67.4	79.2	82.2	84.0	86.8	87.7	90.5	91.0	91.1	91.7	91.8	91.8	91.9	92.2	92.2	92.3
GE 600	67.4	80.0	82.9	84.8	88.4	89.4	92.2	92.6	92.7	93.3	93.4	93.4	93.5	93.9	94.0	94.1
GE 500	67.7	80.9	84.0	86.3	90.1	91.1	93.9	94.4	94.5	95.2	95.3	95.3	95.4	95.8	95.9	96.0
GE 400	67.7	81.2	84.3	86.7	90.9	91.8	94.6	95.2	95.3	96.1	96.2	96.2	96.3	96.8	97.0	97.1
GE 300	67.8	81.3	84.4	86.8	91.2	92.2	94.9	95.5	95.6	96.8	96.9	96.9	97.1	97.5	97.8	98.0
GE 200	67.8	81.3	84.4	86.9	91.4	92.4	95.2	96.1	96.2	97.5	97.7	97.7	98.4	98.8	99.2	99.6
GE 100	67.8	81.3	84.4	86.9	91.4	92.4	95.2	96.1	96.2	97.5	97.8	97.8	98.5	99.2	99.7	100.0
GE 0	67.8	81.3	84.4	86.9	91.4	92.4	95.2	96.1	96.2	97.5	97.8	97.8	98.5	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		29.8	33.4	33.4	33.4	34.2	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000		32.3	35.9	35.9	35.9	36.7	36.9	36.9	37.1	37.1	37.1	37.2	37.2	37.3	37.3	37.3	37.3
GE 18000		33.5	37.4	37.5	37.7	38.5	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1
GE 16000		33.9	38.1	38.2	38.4	39.1	39.4	39.4	39.6	39.6	39.6	39.7	39.7	39.8	39.8	39.8	39.8
GE 14000		35.2	39.4	39.5	39.7	40.4	40.6	40.6	40.9	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.1
GE 12000		37.8	42.2	42.3	42.5	43.2	43.4	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9
GE 10000		40.5	45.2	45.3	45.5	46.2	46.5	46.5	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9
GE 9000		41.9	46.6	46.7	46.9	47.6	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3
GE 8000		46.3	52.3	52.5	52.8	53.9	54.1	54.1	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5
GE 7000		48.6	55.1	55.3	55.6	56.7	56.9	56.9	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE 6000		48.9	55.4	55.6	55.9	57.0	57.2	57.2	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6
GE 5000		51.0	58.0	58.2	58.5	59.6	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.2
GE 4500		54.1	61.4	61.6	62.2	63.5	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2
GE 4000		55.4	63.7	63.9	64.7	66.5	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1
GE 3500		56.7	65.7	65.9	66.9	68.8	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5
GE 3000		58.7	68.6	68.8	69.8	71.9	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6
GE 2500		60.3	70.9	71.2	72.2	74.5	74.8	74.8	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3
GE 2000		61.4	72.9	73.4	74.5	77.2	77.8	78.3	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7
GE 1800		61.5	73.2	73.8	74.8	77.5	78.2	78.7	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1
GE 1500		63.0	75.1	76.0	77.6	80.9	81.8	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3
GE 1200		63.4	76.1	77.1	78.8	82.0	83.0	84.5	84.8	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1
GE 1000		64.1	77.7	78.9	80.8	85.1	86.0	88.1	88.5	88.5	88.5	88.6	88.8	89.1	89.1	89.1	89.1
GE 900		64.1	78.0	79.1	81.3	85.9	86.9	89.1	89.6	89.6	89.6	89.7	89.9	90.2	90.3	90.3	90.3
GE 800		64.3	78.4	79.6	81.8	86.6	87.5	89.8	90.2	90.2	90.2	90.3	90.5	91.0	91.3	91.4	91.4
GE 700		64.4	78.8	80.0	82.3	87.0	88.0	90.2	90.6	90.6	90.6	90.8	91.0	91.4	91.7	91.9	91.9
GE 600		64.4	79.6	80.8	83.1	87.8	88.8	91.1	91.5	91.5	91.5	91.7	92.0	92.5	92.8	93.0	93.0
GE 500		64.5	79.9	81.9	84.3	89.7	90.6	93.0	93.4	93.4	93.4	93.8	94.1	94.5	94.8	95.1	95.1
GE 400		64.6	80.4	82.7	85.1	90.8	91.7	94.1	94.7	94.8	94.8	95.2	95.5	95.9	96.2	96.7	97.0
GE 300		64.6	80.5	82.8	85.2	90.9	91.8	94.4	95.1	95.2	95.4	95.7	96.0	96.6	96.9	97.3	97.6
GE 200		64.6	80.6	82.9	85.3	91.0	91.9	94.6	95.3	95.4	95.6	96.0	96.3	97.0	97.4	98.1	98.8
GE 100		64.6	80.6	83.0	85.4	91.2	92.2	94.8	95.6	95.7	96.0	96.5	96.8	97.4	97.8	98.6	99.6
GE 0		64.6	80.6	83.0	85.4	91.2	92.2	94.8	95.7	95.8	96.1	96.6	96.9	97.5	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.0	26.6	26.7	26.8	27.6	27.7	27.8	28.0	28.0	28.0	28.3	28.4	28.5	28.6	28.6	28.6
GE 20000	27.3	29.9	30.0	30.1	31.0	31.1	31.2	31.3	31.3	31.3	31.6	31.7	31.8	31.9	31.9	31.9
GE 18000	33.0	32.6	32.7	32.8	33.7	33.8	34.0	34.1	34.1	34.1	34.4	34.5	34.6	34.7	34.7	34.7
GE 16000	30.9	33.5	33.7	33.8	34.6	34.7	34.9	35.1	35.1	35.1	35.4	35.5	35.6	35.7	35.7	35.7
GE 14000	32.4	35.1	35.3	35.4	36.2	36.3	36.6	36.7	36.7	36.7	37.0	37.1	37.2	37.3	37.3	37.3
GE 12000	34.3	37.1	37.3	37.4	38.3	38.4	38.6	38.7	38.7	38.7	39.0	39.1	39.2	39.4	39.4	39.4
GE 10000	38.4	41.6	41.8	41.9	42.8	42.9	43.3	43.4	43.4	43.4	43.8	43.9	44.0	44.1	44.1	44.1
GE 9000	39.6	42.8	43.0	43.1	44.0	44.1	44.5	44.6	44.6	44.6	44.9	45.1	45.2	45.3	45.3	45.3
GE 8000	44.5	48.8	49.1	49.2	50.3	50.4	50.9	51.0	51.0	51.0	51.3	51.4	51.5	51.6	51.6	51.7
GE 7000	44.0	53.0	53.3	53.4	54.7	54.8	55.3	55.4	55.4	55.4	55.7	55.8	55.9	56.0	56.0	56.1
GE 6000	48.1	53.4	53.8	54.1	55.6	55.7	56.1	56.2	56.2	56.2	56.6	56.7	56.8	56.9	56.9	57.0
GE 5000	50.9	56.5	56.8	57.1	58.8	58.9	59.4	59.5	59.5	59.5	59.8	59.9	60.0	60.1	60.1	60.2
GE 4500	54.7	60.6	61.0	61.3	63.2	63.3	63.8	63.9	63.9	63.9	64.2	64.3	64.4	64.5	64.5	64.8
GE 4000	56.7	63.3	63.8	64.4	66.8	67.0	67.4	67.6	67.6	67.6	68.0	68.1	68.2	68.3	68.3	68.6
GE 3500	58.5	66.1	66.6	67.2	70.0	70.2	70.6	70.9	70.9	70.9	71.2	71.3	71.4	71.5	71.5	71.8
GE 3000	60.4	68.8	69.4	70.2	73.5	73.9	74.4	74.6	74.6	74.6	74.9	75.1	75.2	75.3	75.3	75.6
GE 2500	61.9	70.9	71.4	72.3	75.6	75.9	76.5	76.7	76.7	76.7	77.0	77.1	77.2	77.3	77.3	77.6
GE 2000	63.5	73.2	74.0	74.8	78.4	78.7	79.4	79.6	79.6	79.6	79.9	80.0	80.1	80.2	80.2	80.5
GE 1800	63.8	73.5	74.4	75.3	78.8	79.1	79.8	80.0	80.0	80.0	80.3	80.4	80.5	80.6	80.6	81.0
GE 1600	65.1	76.0	77.0	78.1	82.0	82.7	83.7	83.9	83.9	84.0	84.3	84.4	84.6	84.7	84.7	85.1
GE 1400	65.5	77.3	78.3	79.5	83.5	84.3	85.4	85.6	85.6	85.7	86.0	86.1	86.3	86.5	86.5	86.8
GE 1200	66.0	78.6	79.7	81.3	85.8	86.6	88.1	88.3	88.3	88.6	88.9	89.0	89.2	89.4	89.4	89.7
GE 1000	66.0	78.9	80.0	81.6	86.2	87.0	88.6	88.8	88.8	89.1	89.5	89.6	89.8	89.9	89.9	90.2
GE 900	66.6	79.9	81.0	82.6	87.2	88.1	89.7	89.9	89.9	90.2	90.5	90.6	90.9	91.0	91.0	91.3
GE 800	66.8	80.3	81.4	83.0	87.6	88.5	90.2	90.4	90.4	90.8	91.1	91.2	91.4	91.5	91.5	91.8
GE 700	67.3	81.4	82.5	84.3	88.9	89.9	91.6	91.8	91.8	92.2	92.6	92.7	93.1	93.2	93.2	93.5
GE 600	67.6	82.0	83.4	85.3	90.2	91.2	93.0	93.4	93.4	93.8	94.3	94.4	94.8	94.9	94.9	95.7
GE 500	67.8	83.1	84.5	86.3	91.5	92.5	94.5	95.1	95.1	95.5	96.0	96.1	97.1	97.2	97.2	98.0
GE 400	67.8	83.3	84.7	86.8	92.3	93.2	95.5	96.0	96.1	96.6	97.1	97.2	98.2	98.3	98.4	99.2
GE 300	67.8	83.3	84.7	86.9	92.4	93.3	95.7	96.2	96.3	96.9	97.3	97.4	98.4	98.5	98.6	99.9
GE 200	67.8	83.3	84.7	86.9	92.4	93.3	95.7	96.2	96.3	96.9	97.4	97.5	98.5	98.6	98.7	100.0
GE 100	67.8	83.3	84.7	86.9	92.4	93.3	95.7	96.2	96.3	96.9	97.4	97.5	98.5	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.7	24.0	24.0	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.6	24.7	24.8	24.9
GE 20000	28.9	29.2	29.2	29.4	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.9	30.0	30.1	30.2
GE 18000	32.2	32.7	32.9	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.5	33.7	33.8	33.9
GE 16000	33.0	33.7	33.9	34.0	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.5	34.6	34.7	34.8
GE 14000	35.2	35.8	36.0	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.7	36.8	36.9	37.0
GE 12000	38.1	38.7	38.9	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.6	39.7	39.8	39.9
GE 10000	42.5	43.1	43.4	43.5	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.6	44.8	44.9	45.1
GE 9000	43.8	44.4	44.7	44.8	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.9	46.1	46.2	46.3
GE 8000	51.5	52.8	53.3	53.5	54.4	54.7	54.7	54.7	54.7	54.7	54.8	54.9	55.2	55.4	55.5	55.6
GE 7000	54.4	55.9	56.5	56.7	57.6	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.4	58.6	58.7	58.8
GE 6000	54.5	56.2	56.8	57.0	58.0	58.3	58.3	58.3	58.3	58.3	58.4	58.5	58.7	58.9	59.0	59.1
GE 5000	54.2	58.6	59.1	59.4	60.5	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.3	61.5	61.6	61.7
GE 4500	59.9	62.4	63.0	63.4	64.7	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.5	65.7	65.8	65.9
GE 4000	62.5	65.2	66.1	66.6	68.5	68.9	68.9	68.9	68.9	68.9	69.0	69.1	69.4	69.6	69.7	69.8
GE 3500	63.9	67.1	68.1	68.5	70.8	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.7	71.9	72.0	72.2
GE 3000	65.2	69.2	70.3	71.0	73.5	74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.6	74.8	75.1	75.2
GE 2500	65.8	70.6	71.7	72.4	75.1	75.7	75.9	76.0	76.0	76.0	76.1	76.2	76.5	76.7	76.9	77.2
GE 2000	67.1	72.5	73.5	74.2	76.9	77.8	78.1	78.4	78.6	78.6	78.7	78.9	79.1	79.4	79.6	79.9
GE 1800	67.2	72.6	73.8	74.4	77.2	78.3	78.5	78.8	79.0	79.0	79.1	79.4	79.6	79.8	80.0	80.3
GE 1600	68.3	74.9	76.2	77.0	80.1	81.3	81.7	82.0	82.4	82.7	82.8	83.0	83.2	83.4	83.7	84.0
GE 1400	68.5	75.3	76.6	77.4	80.6	81.8	82.5	82.8	83.1	83.5	83.8	84.0	84.2	84.4	84.6	84.9
GE 1000	68.7	76.2	77.5	78.5	81.7	83.0	84.1	84.6	84.9	85.8	86.6	86.8	87.1	87.3	87.5	87.8
GE 900	68.8	76.5	77.8	78.9	82.2	83.4	84.6	85.2	85.7	86.7	87.5	87.7	88.1	88.3	88.5	88.8
GE 800	69.1	77.0	78.4	79.5	83.2	84.5	85.8	86.3	86.9	88.0	88.8	89.0	89.4	89.6	89.8	90.1
GE 700	69.8	78.2	79.6	80.8	84.5	85.9	87.3	88.0	88.6	89.8	91.1	91.3	91.6	91.8	92.0	92.4
GE 600	70.1	79.0	80.4	81.8	85.7	87.4	88.9	89.6	90.3	91.7	93.0	93.2	93.7	93.9	94.1	94.4
GE 500	70.2	79.5	81.1	82.5	86.8	88.7	90.4	91.1	91.8	93.2	94.5	94.7	95.2	95.4	95.6	95.9
GE 400	70.2	80.1	81.7	83.2	87.7	89.8	91.5	92.4	93.1	94.5	95.9	96.1	96.8	97.2	97.5	97.8
GE 300	70.2	80.3	82.0	83.8	88.5	90.5	92.3	93.1	93.9	95.6	97.0	97.2	98.0	98.4	98.9	99.4
GE 200	70.2	80.3	82.0	83.8	88.6	90.6	92.5	93.4	94.2	95.9	97.3	97.5	98.3	98.7	99.2	99.8
GE 100	70.2	80.3	82.0	83.8	88.6	90.6	92.6	93.5	94.3	96.0	97.4	97.6	98.4	98.8	99.5	100.0
GE 0	70.2	80.3	82.0	83.8	88.6	90.6	92.6	93.5	94.3	96.0	97.4	97.6	98.4	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.2	26.6	26.6	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 20000	32.9	33.4	33.4	33.7	33.8	33.8	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1
GE 18000	36.9	37.6	37.7	38.0	38.1	38.1	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	37.3	38.1	38.2	38.4	38.5	38.5	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	39.5	40.2	40.3	40.5	40.6	40.6	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0
GE 12000	42.7	43.5	43.7	43.9	44.1	44.1	44.3	44.3	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5
GE 10000	46.7	47.5	47.8	48.1	48.4	48.4	48.6	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8
GE 9000	47.8	48.7	49.0	49.4	49.7	49.7	49.9	49.9	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1
GE 8000	55.3	57.1	57.5	57.8	58.2	58.2	58.4	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.9	58.9
GE 7000	59.2	60.2	60.6	61.1	61.5	61.5	61.7	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.3	62.3
GE 6000	59.5	61.8	62.3	62.7	63.1	63.1	63.3	63.3	63.3	63.4	63.5	63.5	63.7	63.7	63.9	63.9
GE 5000	61.5	63.9	64.3	64.7	65.2	65.2	65.4	65.5	65.5	65.6	65.7	65.7	65.8	65.8	66.0	66.0
GE 4500	64.0	66.6	67.3	67.8	68.3	68.3	68.5	68.6	68.6	68.7	68.8	68.8	68.9	68.9	69.1	69.1
GE 4000	65.3	68.0	68.7	69.2	69.8	69.8	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.6	70.6
GE 3500	66.2	69.5	70.2	70.8	71.4	71.4	71.6	71.8	71.8	71.9	72.0	72.0	72.2	72.2	72.4	72.4
GE 3000	68.5	72.3	73.5	74.2	75.3	75.3	75.6	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.3	76.3
GE 2500	69.0	73.5	74.8	75.6	76.8	76.9	77.4	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.2	78.2
GE 2000	70.0	74.7	76.1	76.9	78.1	78.2	78.9	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.8	79.8
GE 1800	72.4	75.3	76.8	77.5	78.8	78.9	79.8	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.8	80.8
GE 1500	71.1	76.5	78.2	78.9	80.3	80.6	81.5	82.2	82.3	82.8	83.1	83.1	83.2	83.2	83.4	83.4
GE 1200	71.8	77.7	79.6	80.3	81.9	82.4	83.4	84.2	84.3	84.9	85.3	85.3	85.4	85.4	85.6	85.6
GE 1000	72.4	79.6	81.7	82.6	84.4	85.1	86.5	87.3	87.8	88.7	89.4	89.5	89.6	89.6	89.8	89.8
GE 900	73.0	80.9	83.3	84.2	86.2	86.9	88.3	89.1	89.8	90.6	91.3	91.4	91.5	91.5	91.7	91.7
GE 800	73.3	81.9	84.4	85.4	87.5	88.2	89.6	90.5	91.2	92.2	92.8	92.9	93.0	93.0	93.2	93.2
GE 700	73.9	83.1	85.8	86.9	89.1	89.8	91.2	92.2	92.8	93.9	94.6	94.7	94.8	94.8	95.1	95.1
GE 600	74.3	84.2	86.9	88.2	90.6	91.3	93.0	94.0	94.6	95.7	96.7	96.8	96.9	96.9	97.1	97.1
GE 500	74.5	84.8	87.6	89.0	91.5	92.2	94.2	95.3	95.9	97.0	98.0	98.1	98.2	98.2	98.4	98.4
GE 400	74.5	84.8	88.2	89.6	92.2	92.8	94.8	96.0	96.7	97.7	98.7	98.8	98.9	98.9	99.1	99.1
GE 300	74.5	84.8	88.4	89.8	92.5	93.2	95.3	96.5	97.1	98.2	99.2	99.4	99.6	99.6	99.8	99.8
GE 200	74.5	84.8	88.4	89.8	92.5	93.2	95.4	96.7	97.3	98.4	99.5	99.6	99.8	99.8	100.0	100.0
GE 100	74.5	84.8	88.4	89.8	92.5	93.2	95.4	96.7	97.3	98.4	99.5	99.6	99.8	99.8	100.0	100.0
GE 0	74.5	84.8	88.4	89.8	92.5	93.2	95.4	96.7	97.3	98.4	99.5	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.7	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 20000	33.0	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 18000	36.3	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000	38.1	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	39.4	39.9	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	43.1	43.9	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 10000	47.5	48.3	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000	49.2	50.3	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 8000	55.7	57.4	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	60.1	62.7	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000	61.6	64.3	64.7	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	63.1	66.0	66.5	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4500	64.6	67.6	68.4	68.5	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
GE 4000	65.5	69.1	70.0	70.2	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 3500	67.8	72.3	73.4	73.7	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 3000	69.4	75.3	76.5	76.8	77.8	77.8	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 2500	70.2	76.8	78.1	78.4	79.5	79.5	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 2000	72.2	79.1	80.4	80.9	82.3	82.5	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 1800	72.2	79.2	80.5	81.0	82.4	82.6	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
GE 1500	73.1	81.2	82.8	83.4	85.3	85.6	86.6	87.0	87.1	87.5	87.7	87.7	87.8	87.8	88.0	88.0
GE 1200	73.7	82.7	84.4	85.3	87.4	87.7	89.0	89.5	89.8	90.2	90.5	90.5	90.6	90.6	90.8	90.8
GE 1000	74.5	84.5	86.2	87.2	89.5	90.1	91.5	92.3	92.6	93.3	94.0	94.0	94.1	94.1	94.2	94.2
GE 900	74.7	84.8	86.7	87.6	89.9	90.5	91.9	92.7	93.0	93.8	94.4	94.4	94.5	94.5	94.6	94.6
GE 800	75.3	85.6	87.5	88.5	90.8	91.4	92.8	93.5	93.9	94.8	95.5	95.5	95.6	95.6	95.7	95.7
GE 700	75.5	86.0	88.0	88.9	91.4	92.2	93.5	94.3	94.6	95.6	96.2	96.2	96.6	96.6	96.8	96.8
GE 600	75.9	86.8	88.7	89.7	92.2	92.9	94.3	95.1	95.4	96.3	97.0	97.0	97.3	97.3	97.5	97.5
GE 500	75.9	87.1	89.0	90.1	92.7	93.4	94.8	95.8	96.1	97.2	97.8	97.8	98.3	98.3	98.5	98.5
GE 400	75.9	87.3	89.5	90.5	93.1	93.9	95.3	96.2	96.6	97.6	98.3	98.3	98.7	98.7	98.9	98.9
GE 300	75.9	87.3	89.5	90.5	93.3	94.1	95.5	96.5	96.8	97.8	98.7	98.7	99.1	99.1	99.4	99.6
GE 200	75.9	87.3	89.5	90.5	93.3	94.1	95.5	96.5	96.8	97.8	98.9	98.9	99.5	99.5	99.7	100.0
GE 100	75.9	87.3	89.5	90.5	93.3	94.1	95.5	96.5	96.8	97.8	98.9	98.9	99.5	99.5	99.7	100.0
GE 0	75.9	87.3	89.5	90.5	93.3	94.1	95.5	96.5	96.8	97.8	98.9	98.9	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.5	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 20000	31.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 18000	34.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	37.6	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 12000	40.1	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 10000	43.1	44.6	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 9000	45.5	47.1	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 8000	53.1	54.8	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 7000	57.2	59.8	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	58.7	61.4	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	60.0	63.8	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	63.0	67.1	68.2	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9
GE 4000	63.3	68.3	69.4	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
GE 3500	66.1	72.3	73.4	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
GE 3000	69.0	75.5	76.8	77.2	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
GE 2500	68.8	77.3	78.7	79.4	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
GE 2000	70.0	78.9	80.5	81.5	83.5	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
GE 1800	70.2	79.4	81.0	81.9	84.3	84.3	84.4	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1
GE 1500	70.9	80.5	82.6	83.8	87.3	87.7	88.0	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9
GE 1200	72.0	81.7	84.1	85.3	89.4	89.8	90.2	90.9	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4
GE 1000	72.4	83.1	85.5	87.0	91.2	91.7	92.6	93.2	93.5	94.1	94.4	94.4	94.4	94.7	94.7	94.7
GE 900	72.4	83.4	85.8	87.3	91.6	92.2	93.4	94.1	94.4	94.9	95.3	95.3	95.3	95.6	95.6	95.6
GE 800	72.5	83.5	85.9	87.4	91.7	92.3	93.5	94.2	94.5	95.1	95.4	95.4	95.4	95.7	95.7	95.7
GE 700	72.6	84.2	86.7	88.2	92.5	93.0	94.3	94.9	95.3	95.9	96.2	96.2	96.2	96.6	96.6	96.6
GE 600	73.0	85.1	87.5	89.0	93.3	93.9	95.3	95.9	96.2	96.9	97.2	97.2	97.2	97.5	97.5	97.5
GE 500	73.0	85.4	87.8	89.6	94.0	94.5	95.9	96.6	96.9	97.5	97.8	97.8	97.8	98.2	98.2	98.2
GE 400	73.0	85.4	87.8	89.6	94.2	94.7	96.1	96.8	97.1	97.7	98.1	98.1	98.1	98.4	98.4	98.4
GE 300	73.0	85.4	87.8	89.7	94.5	95.1	96.6	97.5	97.8	98.7	99.1	99.1	99.1	99.5	99.7	99.8
GE 200	73.0	85.4	87.8	89.7	94.5	95.1	96.7	97.6	98.0	98.8	99.2	99.2	99.2	99.6	99.8	100.0
GE 100	73.0	85.4	87.8	89.7	94.5	95.1	96.7	97.6	98.0	98.8	99.2	99.2	99.2	99.6	99.8	100.0
GE 0	73.0	85.4	87.8	89.7	94.5	95.1	96.7	97.6	98.0	98.8	99.2	99.2	99.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	72.4	33.9	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 20000	35.9	37.5	37.6	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	
GE 18000	37.6	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	
GE 16000	38.9	40.6	40.9	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	
GE 14000	40.1	41.8	42.0	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	
GE 12000	42.2	43.9	44.1	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	
GE 10000	45.4	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	
GE 9000	46.7	48.6	48.8	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	
GE 8000	52.9	55.4	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	
GE 7000	55.5	59.2	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	
GE 6000	56.0	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	
GE 5000	57.2	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	
GE 4000	60.1	65.1	65.6	65.8	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	
GE 3000	61.2	67.0	67.7	68.2	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	
GE 2500	63.9	70.3	71.3	71.8	71.9	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	
GE 2000	65.1	72.7	73.9	74.7	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	
GE 1500	65.5	73.5	74.9	75.8	76.6	77.0	77.4	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	
GE 1000	67.1	75.6	77.0	78.5	79.6	80.0	80.6	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	
GE 800	67.8	76.3	77.7	79.2	80.3	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	
GE 600	68.8	78.3	79.8	81.5	83.4	84.2	85.2	85.5	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	
GE 400	69.1	78.9	80.9	82.9	85.2	85.9	87.1	87.4	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	
GE 300	69.7	80.4	82.5	84.7	87.5	88.4	89.9	90.2	90.6	90.8	91.0	91.0	91.3	91.3	91.3	91.3	
GE 200	69.7	80.8	82.8	85.1	87.8	88.7	90.3	90.6	91.1	91.4	91.7	91.7	92.0	92.0	92.0	92.0	
GE 100	69.7	80.9	82.9	85.2	88.1	88.9	90.6	91.0	91.4	91.7	92.0	92.2	92.5	92.5	92.5	92.5	
GE 50	69.9	81.4	83.4	85.7	88.6	89.5	91.5	91.8	92.3	92.6	92.9	93.0	93.4	93.4	93.5	93.5	
GE 0	70.5	82.8	84.8	87.3	90.4	91.3	93.4	93.8	94.2	94.5	94.8	95.1	95.5	95.5	95.6	95.6	
GE 500	70.8	83.4	85.6	88.3	92.0	92.9	95.3	95.6	96.0	96.3	96.7	96.9	97.4	97.4	97.5	97.5	
GE 400	70.9	83.5	85.8	88.6	92.4	93.3	95.8	96.1	96.6	96.9	97.3	97.5	98.2	98.2	98.3	98.3	
GE 300	70.9	83.5	85.8	88.9	93.1	94.1	96.7	97.2	97.7	98.1	98.5	98.7	99.4	99.5	99.6	99.6	
GE 200	70.9	83.7	85.9	89.0	93.2	94.2	96.8	97.3	97.8	98.2	98.7	98.9	99.7	99.8	99.9	99.9	
GE 100	70.9	83.7	85.9	89.0	93.2	94.2	96.8	97.3	97.8	98.2	98.8	99.0	99.8	99.9	100.0	100.0	
GE 0	70.9	83.7	85.9	89.0	93.2	94.2	96.8	97.3	97.8	98.2	98.8	99.0	99.8	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 772650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.7	29.3	29.4	29.4	29.7	29.8	29.8	29.8	29.8	29.9	29.9	29.9	30.0	30.0	30.0	30.0
GE 20000	32.2	33.9	34.0	34.0	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.6	34.6	34.7	34.7	34.7
GE 18000	34.7	36.5	36.7	36.8	37.1	37.2	37.2	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.5
GE 16000	35.7	37.5	37.7	37.8	38.1	38.2	38.2	38.3	38.3	38.3	38.4	38.4	38.5	38.5	38.5	38.5
GE 14000	37.3	39.2	39.4	39.5	39.8	39.9	39.9	40.0	40.0	40.0	40.1	40.1	40.2	40.2	40.2	40.2
GE 12000	40.0	41.9	42.1	42.2	42.5	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9	42.9	43.0
GE 10000	43.5	45.6	45.9	46.1	46.5	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	47.0
GE 9000	45.0	47.2	47.5	47.6	48.1	48.1	48.2	48.3	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.5
GE 8000	51.2	54.2	54.7	54.9	55.4	55.5	55.6	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.0
GE 7000	54.3	58.0	58.4	58.6	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.7	59.8	59.8	59.8
GE 6000	55.0	58.8	59.3	59.5	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.6	60.7	60.7	60.8
GE 5000	56.9	61.1	61.7	61.9	62.6	62.7	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.2	63.2	63.2
GE 4500	59.8	64.4	65.1	65.4	66.3	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.8	66.9	66.9	67.0
GE 4000	61.1	66.3	67.0	67.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.4
GE 3500	63.0	68.9	69.8	70.3	71.7	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.4	72.4
GE 3000	64.7	71.7	72.8	73.4	75.1	75.3	75.5	75.7	75.7	75.8	75.8	75.9	76.0	76.0	76.1	76.1
GE 2500	65.7	73.3	74.4	75.1	77.0	77.3	77.6	77.8	77.8	77.8	77.9	78.0	78.1	78.1	78.2	78.2
GE 2000	67.1	75.2	76.4	77.3	79.4	79.8	80.3	80.6	80.6	80.6	80.7	80.8	80.9	80.9	81.0	81.0
GE 1800	67.3	75.5	76.8	77.7	79.8	80.2	80.8	81.1	81.2	81.2	81.3	81.3	81.4	81.5	81.5	81.6
GE 1500	68.3	77.3	78.9	80.0	82.7	83.3	84.2	84.6	84.7	84.9	85.1	85.1	85.2	85.3	85.3	85.4
GE 1200	68.8	78.3	80.0	81.3	84.1	84.8	86.0	86.4	86.6	86.8	87.0	87.0	87.2	87.2	87.3	87.3
GE 1000	69.4	79.8	81.7	83.1	86.3	87.1	88.7	89.2	89.4	89.9	90.3	90.4	90.6	90.6	90.7	90.8
GE 900	69.5	80.3	82.2	83.6	87.0	87.8	89.4	90.0	90.3	90.8	91.2	91.3	91.5	91.6	91.6	91.7
GE 800	69.8	80.8	82.7	84.3	87.7	88.5	90.3	90.8	91.1	91.7	92.1	92.2	92.4	92.5	92.6	92.7
GE 700	70.0	81.4	83.4	85.0	88.4	89.3	91.1	91.7	92.0	92.6	93.1	93.2	93.5	93.6	93.7	93.8
GE 600	70.4	82.4	84.3	86.0	89.7	90.6	92.5	93.0	93.3	94.0	94.6	94.7	95.0	95.1	95.3	95.3
GE 500	70.5	82.9	85.1	86.9	90.9	91.8	93.8	94.4	94.8	95.5	96.0	96.1	96.5	96.6	96.8	96.9
GE 400	70.6	83.2	85.6	87.4	91.6	92.6	94.6	95.3	95.6	96.4	97.0	97.1	97.5	97.7	97.9	98.1
GE 300	70.6	83.3	85.7	87.7	92.0	93.0	95.1	95.9	96.3	97.1	97.8	97.9	98.4	98.6	98.9	99.1
GE 200	70.6	83.3	85.7	87.7	92.1	93.1	95.3	96.1	96.5	97.4	98.1	98.2	98.8	99.0	99.3	99.7
GE 100	70.6	83.3	85.7	87.7	92.1	93.1	95.3	96.2	96.6	97.5	98.2	98.3	98.9	99.2	99.5	99.9
GE 0	70.6	83.3	85.7	87.7	92.1	93.1	95.3	96.2	96.6	97.5	98.2	98.3	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	43.8	49.1	50.1	50.3	51.1	51.2	51.3	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.1		
GE 20000	45.3	50.9	52.0	52.2	53.0	53.1	53.2	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0		
GE 18000	46.8	53.2	54.3	54.6	55.3	55.4	55.6	55.9	56.0	56.1	56.1	56.1	56.2	56.3	56.3	56.4		
GE 16000	47.7	53.4	54.6	54.8	55.6	55.7	55.8	56.1	56.2	56.3	56.3	56.3	56.4	56.6	56.6	56.7		
GE 14000	48.6	55.1	56.2	56.4	57.2	57.3	57.4	57.8	57.9	58.0	58.0	58.0	58.1	58.2	58.2	58.3		
GE 12000	48.9	55.4	56.6	56.8	57.6	57.7	57.8	58.1	58.2	58.3	58.3	58.3	58.4	58.6	58.6	58.7		
GE 10000	52.7	59.9	61.1	61.3	62.1	62.2	62.3	62.7	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.2		
GE 9000	53.1	60.3	61.6	61.8	62.6	62.7	62.8	63.1	63.2	63.3	63.3	63.3	63.4	63.6	63.6	63.7		
GE 8000	56.9	65.2	66.6	66.8	67.8	67.9	68.0	68.3	68.4	68.4	68.6	68.6	68.7	68.8	68.8	68.9		
GE 7000	59.4	68.3	69.7	69.9	70.9	71.0	71.1	71.4	71.6	71.7	71.7	71.7	71.9	71.9	71.9	72.0		
GE 6000	59.9	68.9	70.2	70.4	71.6	71.7	71.8	72.1	72.2	72.3	72.3	72.3	72.4	72.6	72.6	72.7		
GE 5000	67.7	70.3	71.7	71.9	73.0	73.2	73.3	73.7	73.8	73.9	73.9	73.9	74.0	74.1	74.1	74.2		
GE 4500	61.3	71.2	72.7	72.9	74.1	74.3	74.4	74.8	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.3		
GE 4000	62.6	72.9	74.3	74.6	75.8	76.0	76.1	76.4	76.6	76.7	76.7	76.7	76.8	76.9	76.9	77.0		
GE 3500	63.3	74.6	76.0	76.2	77.6	77.8	77.9	78.2	78.3	78.4	78.4	78.4	78.6	78.7	78.7	78.8		
GE 3000	64.6	76.4	78.7	79.3	81.1	81.3	81.9	82.2	82.3	82.4	82.4	82.4	82.6	82.7	82.7	82.8		
GE 2500	65.6	78.6	80.8	81.8	84.1	84.3	84.9	85.2	85.3	85.4	85.4	85.4	85.6	85.7	85.7	85.8		
GE 2000	66.1	79.9	82.1	83.4	86.2	86.6	87.4	87.8	87.9	88.0	88.0	88.0	88.1	88.2	88.2	88.3		
GE 1800	66.2	80.1	82.3	83.7	86.6	86.9	87.8	88.1	88.2	88.3	88.3	88.3	88.4	88.6	88.6	88.7		
GE 1500	66.2	80.7	83.1	84.6	88.1	88.4	89.7	90.1	90.2	90.3	90.3	90.3	90.4	90.6	90.6	90.7		
GE 1200	66.3	81.3	83.8	85.2	88.9	89.2	90.4	90.9	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.6		
GE 1000	66.9	82.1	84.6	86.0	89.9	90.2	91.6	92.1	92.2	92.6	92.7	92.7	92.8	93.0	93.0	93.1		
GE 900	67.0	82.8	85.2	86.7	90.8	91.3	92.8	93.4	93.6	93.9	94.1	94.1	94.2	94.4	94.4	94.6		
GE 800	67.2	83.0	85.6	87.0	91.4	92.1	93.6	94.3	94.4	94.8	95.0	95.0	95.1	95.3	95.3	95.4		
GE 700	67.2	83.0	85.6	87.0	91.4	92.1	93.7	94.4	94.6	94.9	95.2	95.2	95.3	95.6	95.6	95.7		
GE 600	67.2	83.4	86.1	87.6	92.3	93.0	94.7	95.4	95.6	95.9	96.3	96.3	96.4	96.7	96.7	96.8		
GE 500	67.2	83.7	86.4	87.9	92.7	93.3	95.1	95.9	96.0	96.3	96.8	96.8	97.2	97.4	97.7	97.9		
GE 400	67.2	83.8	86.7	88.1	93.2	94.0	95.9	96.7	96.8	97.1	97.6	97.6	98.0	98.2	98.4	98.7		
GE 300	67.2	83.8	86.7	88.2	93.3	94.1	96.1	96.9	97.0	97.3	97.8	97.8	98.2	98.4	98.7	98.9		
GE 200	67.2	83.8	86.7	88.2	93.3	94.1	96.2	97.1	97.2	97.7	98.1	98.1	98.7	99.0	99.3	99.7		
GE 100	67.2	83.8	86.7	88.2	93.3	94.1	96.2	97.1	97.2	97.7	98.1	98.1	98.8	99.1	99.4	100.0		
GE 0	67.2	83.8	86.7	88.2	93.3	94.1	96.2	97.1	97.2	97.7	98.1	98.1	98.8	99.1	99.4	100.0		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	44.4	49.3	49.7	50.3	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.6	51.6	
GE 20000	46.1	51.1	51.4	52.1	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.3	53.3	
GE 18000	48.0	53.7	54.0	54.7	55.2	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.9	56.1	56.2	56.2	
GE 16000	48.7	54.3	54.7	55.3	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.6	56.8	56.9	56.9	
GE 14000	50.4	56.1	56.4	57.1	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.3	58.6	58.7	58.7	
GE 12000	51.3	57.0	57.6	58.2	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.4	59.7	59.8	59.8	
GE 10000	54.4	61.2	61.9	62.6	63.3	63.4	63.6	63.7	63.7	63.7	63.7	63.7	64.0	64.2	64.3	64.3	
GE 9000	54.6	61.3	62.0	62.7	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.3	64.4	64.4	
GE 8000	57.4	65.2	66.0	66.7	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.4	68.7	68.8	68.8	
GE 7000	59.2	67.3	68.2	68.9	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.7	70.9	71.0	71.0	
GE 6000	60.1	68.2	69.1	69.8	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.6	71.8	71.9	71.9	
GE 5000	61.6	70.6	71.6	72.2	73.3	73.4	73.6	73.7	73.7	73.7	73.7	73.7	74.0	74.2	74.3	74.3	
GE 4500	62.4	72.2	73.4	74.3	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.4	76.7	76.8	76.8	
GE 4000	63.4	73.8	75.1	76.0	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	78.1	78.3	78.4	78.4	
GE 3500	64.7	75.3	76.7	77.8	79.2	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.9	80.1	80.2	80.2	
GE 3000	65.8	77.0	78.7	79.8	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.2	82.4	82.6	82.6	
GE 2500	67.0	78.5	80.4	81.9	84.3	84.4	84.7	84.8	84.8	84.8	84.8	84.8	85.1	85.3	85.4	85.4	
GE 2000	67.6	80.2	82.2	83.8	86.9	87.1	87.7	87.8	87.8	87.8	87.8	87.8	88.1	88.3	88.4	88.4	
GE 1800	67.7	80.4	82.4	84.0	87.2	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.4	88.7	88.8	88.8	
GE 1500	67.7	81.6	83.8	85.4	88.8	89.1	89.8	89.9	89.9	89.9	89.9	89.9	90.2	90.4	90.6	90.6	
GE 1200	68.1	82.6	84.8	86.4	90.2	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.8	92.0	92.1	92.1	
GE 1000	69.0	83.7	85.9	87.6	91.7	92.1	92.9	93.0	93.0	93.3	93.3	93.3	93.8	94.0	94.1	94.1	
GE 900	69.0	83.7	85.9	87.6	91.8	92.2	93.1	93.2	93.2	93.7	93.7	93.7	94.1	94.3	94.4	94.4	
GE 800	69.0	83.7	85.9	87.6	91.9	92.3	93.2	93.3	93.3	93.8	94.1	94.1	94.6	94.8	94.9	94.9	
GE 700	69.0	84.1	86.3	88.2	92.7	93.1	94.0	94.1	94.2	94.7	95.1	95.1	95.6	95.8	95.9	95.9	
GE 600	69.0	84.1	86.3	88.2	93.2	93.7	94.6	94.7	94.8	95.3	95.9	95.9	96.3	96.6	96.7	96.7	
GE 500	69.0	84.3	86.7	88.7	93.8	94.2	95.1	95.3	95.4	96.0	96.7	96.7	97.2	97.4	97.6	97.7	
GE 400	69.0	84.6	86.9	88.9	94.2	94.7	95.6	95.8	95.9	96.4	97.3	97.3	97.9	98.1	98.2	98.4	
GE 300	69.0	84.6	86.9	88.9	94.2	94.7	95.6	95.8	95.9	96.4	97.6	97.6	98.1	98.3	98.7	98.9	
GE 200	69.0	84.6	86.9	88.9	94.2	94.7	95.6	95.9	96.0	96.7	97.9	97.9	98.8	99.0	99.3	99.6	
GE 100	69.0	84.6	86.9	88.9	94.2	94.7	95.6	96.0	96.1	96.8	98.0	98.0	98.9	99.1	99.4	100.0	
GE 0	69.0	84.6	86.9	88.9	94.2	94.7	95.6	96.0	96.1	96.8	98.0	98.0	98.9	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EILSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CELL	47.1	45.6	45.9	46.1	46.8	46.8	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
GE 20000	44.3	48.0	48.3	48.6	49.2	49.2	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	
GE 18000	46.8	50.6	50.9	51.1	51.8	51.8	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 16000	47.3	51.1	51.4	51.7	52.3	52.3	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
GE 14000	49.3	53.1	53.4	53.7	54.3	54.3	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 12000	50.3	54.2	54.6	54.8	55.4	55.4	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	
GE 10000	53.7	58.4	58.8	59.1	59.9	59.9	60.4	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	
GE 9000	54.0	58.8	59.1	59.4	60.2	60.2	60.8	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	
GE 8000	59.6	65.2	65.8	66.1	66.9	66.9	67.4	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.2	68.2	68.2	
GE 7000	62.1	68.4	69.2	69.6	70.4	70.4	71.0	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.8	71.8	71.8	
GE 6000	62.7	69.3	70.1	70.4	71.3	71.3	71.9	72.3	72.3	72.3	72.3	72.4	72.4	72.6	72.7	72.7	72.7	
GE 5000	63.9	71.6	72.7	73.1	74.1	74.2	74.8	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.6	75.6	75.6	
GE 4500	64.8	72.9	74.0	74.8	76.2	76.4	77.0	77.4	77.4	77.4	77.4	77.6	77.6	77.7	77.8	77.8	77.8	
GE 4000	65.2	73.3	74.6	75.7	77.1	77.7	78.2	78.7	78.7	78.7	78.7	78.8	78.8	78.9	79.0	79.0	79.0	
GE 3500	66.6	75.0	76.2	77.3	78.8	79.3	79.9	80.3	80.3	80.3	80.3	80.4	80.4	80.6	80.7	80.7	80.7	
GE 3000	68.3	77.7	79.3	80.4	82.0	82.6	83.1	83.6	83.6	83.6	83.6	83.7	83.7	83.8	83.9	83.9	83.9	
GE 2500	68.6	78.2	80.1	81.2	83.3	83.9	84.4	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.2	85.2	85.2	
GE 2000	68.6	78.7	81.1	82.7	85.4	86.0	86.8	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.6	87.6	87.6	
GE 1800	68.6	78.7	81.1	82.8	85.6	86.1	86.9	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.7	87.7	87.7	
GE 1500	69.3	81.1	83.9	85.7	88.9	89.6	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.3	91.3	91.3	
GE 1200	69.9	81.8	84.6	86.3	89.6	90.2	91.2	91.7	91.7	91.7	91.7	91.8	91.8	91.9	92.0	92.0	92.0	
GE 1000	70.6	82.4	85.2	87.0	91.0	91.7	92.9	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.9	93.9	93.9	
GE 900	70.6	82.4	85.4	87.2	91.8	92.7	93.9	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.9	94.9	94.9	
GE 800	70.6	82.7	85.7	87.4	92.0	92.9	94.1	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.1	95.1	95.1	
GE 700	70.6	82.7	85.7	87.4	92.4	93.3	94.6	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.6	95.6	95.6	
GE 600	70.7	82.9	86.3	88.1	93.4	94.3	95.6	96.2	96.2	96.2	96.2	96.4	96.4	96.6	96.7	96.7	96.7	
GE 500	70.7	83.1	86.6	88.3	93.7	94.6	95.9	96.6	96.6	96.6	96.6	96.9	96.9	97.0	97.1	97.2	97.2	
GE 400	70.9	83.4	87.3	89.2	94.6	95.4	96.8	97.4	97.6	97.6	97.6	98.2	98.2	98.3	98.4	98.7	98.7	
GE 300	70.9	83.4	87.3	89.3	94.7	95.6	96.9	97.6	97.7	97.7	97.7	98.6	98.6	98.7	98.8	99.1	99.1	
GE 200	70.9	83.4	87.3	89.4	94.9	95.8	97.2	98.0	98.1	98.2	98.2	99.2	99.2	99.4	99.6	99.9	99.9	
GE 100	70.9	83.4	87.3	89.4	94.9	95.8	97.2	98.0	98.1	98.2	98.2	99.2	99.2	99.4	99.6	99.9	100.0	
GE 0	70.9	83.4	87.3	89.4	94.9	95.8	97.2	98.0	98.1	98.2	98.2	99.2	99.2	99.4	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	38.4	40.4	40.7	40.9	41.7	41.7	42.1	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.7	42.7
GE 20000	41.3	43.3	43.6	43.8	44.6	44.6	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.6	45.6
GE 18000	44.7	46.9	47.1	47.3	48.1	48.1	48.6	48.6	48.6	48.6	48.7	48.7	48.8	48.8	49.1	49.1
GE 16000	45.1	47.3	47.6	47.8	48.6	48.6	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.6	49.6
GE 14000	48.7	50.9	51.1	51.4	52.2	52.2	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9	53.2	53.2
GE 12000	50.6	53.0	53.2	53.7	54.4	54.4	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.4	55.4
GE 10000	56.6	59.0	59.2	59.7	60.4	60.4	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.4	61.4
GE 9000	57.7	60.2	60.4	60.9	61.7	61.7	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.7	62.7
GE 8000	64.1	67.2	67.7	68.1	68.9	68.9	69.3	69.3	69.3	69.3	69.4	69.4	69.6	69.6	69.9	69.9
GE 7000	66.6	70.0	70.6	71.0	71.8	71.8	72.2	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.9	72.9
GE 6000	67.6	71.1	71.7	72.1	73.0	73.0	73.6	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.3	74.3
GE 5000	68.6	72.4	73.1	73.7	74.7	75.0	75.6	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.3	76.3
GE 4500	69.7	73.8	74.9	75.7	77.1	77.6	78.2	78.4	78.4	78.6	78.7	78.7	78.8	78.8	79.1	79.1
GE 4000	71.0	75.2	76.4	77.3	78.9	79.4	80.1	80.3	80.3	80.4	80.6	80.6	80.7	80.7	81.0	81.0
GE 3500	72.1	76.4	77.8	78.7	80.2	80.8	81.4	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.3	82.3
GE 3000	73.8	78.7	80.3	81.3	83.4	84.0	84.8	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.8	85.8
GE 2500	74.4	79.4	81.2	82.3	84.9	85.4	86.2	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.3	87.3
GE 2000	74.8	80.0	82.1	83.6	87.0	87.6	88.6	89.2	89.2	89.3	89.4	89.6	89.7	89.7	90.0	90.0
GE 1800	74.9	80.2	82.3	83.8	87.2	87.8	88.8	89.4	89.4	89.6	89.7	89.8	89.9	89.9	90.2	90.2
GE 1500	75.2	81.3	84.1	85.7	89.2	89.9	91.0	91.9	91.9	92.6	92.8	92.9	93.1	93.1	93.4	93.4
GE 1200	75.4	81.8	84.6	86.2	90.2	90.9	92.0	92.9	92.9	93.6	94.0	94.1	94.3	94.3	94.7	94.7
GE 1000	75.6	82.1	84.9	86.7	90.9	91.6	92.8	93.9	93.9	94.7	95.7	96.0	96.2	96.2	96.6	96.6
GE 900	75.6	82.1	85.0	86.8	91.2	91.9	93.1	94.2	94.2	95.0	96.0	96.3	96.7	96.7	97.0	97.0
GE 800	75.6	82.1	85.0	86.8	91.3	92.0	93.2	94.3	94.4	95.2	96.2	96.6	97.0	97.0	97.3	97.3
GE 700	75.6	82.1	85.1	87.0	91.7	92.3	93.6	94.7	94.8	95.6	96.6	96.9	97.3	97.3	97.7	97.7
GE 600	75.8	82.3	85.4	87.3	92.3	93.0	94.3	95.4	95.6	96.3	97.3	97.7	98.1	98.1	98.4	98.4
GE 500	75.8	82.3	85.4	87.3	92.3	93.0	94.4	95.7	95.8	96.6	97.7	98.0	98.4	98.4	98.8	98.8
GE 400	75.8	82.4	85.9	87.8	92.8	93.4	94.9	96.1	96.2	97.0	98.2	98.7	99.1	99.1	99.4	99.4
GE 300	75.8	82.4	85.9	87.9	92.9	93.6	95.0	96.2	96.3	97.1	98.3	98.8	99.2	99.2	99.7	99.8
GE 200	75.8	82.4	85.9	87.9	92.9	93.7	95.1	96.3	96.4	97.2	98.4	98.9	99.4	99.4	99.9	100.0
GE 100	75.8	82.4	85.9	87.9	92.9	93.7	95.1	96.3	96.4	97.2	98.4	98.9	99.4	99.4	99.9	100.0
GE 0	75.8	82.4	85.9	87.9	92.9	93.7	95.1	96.3	96.4	97.2	98.4	98.9	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 9JC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	38.6	40.6	40.7	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.2	41.2
GE 20000	42.2	44.2	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.9	44.9
GE 18000	44.2	46.2	46.4	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.2	47.2
GE 16000	45.2	47.3	47.6	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.3	48.3
GE 14000	49.3	51.4	51.7	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.4	52.4
GE 12000	52.6	54.7	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.7	55.7
GE 10000	57.3	59.4	59.7	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.4	60.4
GE 9700	59.7	61.8	62.0	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.8	62.8
GE 8000	66.6	69.4	69.8	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.7	70.7
GE 7000	69.4	72.7	73.2	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.2	74.2	74.4	74.4
GE 6000	70.8	74.1	74.8	74.9	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	76.1	76.1	76.3	76.3
GE 5000	71.8	75.4	76.3	76.4	77.6	77.6	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.6	78.6
GE 4500	73.2	77.4	78.3	78.4	79.9	79.9	80.3	80.6	80.6	80.6	80.6	80.7	80.7	80.9	80.9	81.1	81.1
GE 4000	74.0	78.3	79.2	79.3	81.1	81.1	81.6	81.8	81.8	81.8	81.8	81.9	81.9	82.1	82.1	82.3	82.3
GE 3500	74.3	78.9	79.8	80.1	82.1	82.2	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.2	83.2	83.4	83.4
GE 3000	75.8	80.8	82.0	82.6	84.9	85.1	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.6	86.6	86.8	86.8
GE 2500	76.0	81.0	82.2	82.9	85.3	85.9	86.7	87.1	87.2	87.4	87.6	87.6	87.6	87.8	87.8	88.0	88.0
GE 2000	76.6	81.6	82.9	83.8	86.3	86.9	87.9	88.8	88.9	89.4	89.6	89.6	89.6	89.8	89.8	90.0	90.0
GE 1800	76.7	81.8	83.1	84.0	86.6	87.1	88.1	89.1	89.2	89.8	89.9	89.9	89.9	90.1	90.1	90.3	90.3
GE 1500	76.9	82.2	83.8	84.7	87.8	88.4	89.8	91.0	91.1	91.8	92.0	92.0	92.0	92.3	92.3	92.6	92.6
GE 1200	77.0	82.9	84.4	85.4	88.6	89.2	90.8	92.0	92.1	92.8	93.3	93.3	93.3	93.7	93.7	93.9	93.9
GE 1000	77.0	82.9	84.4	85.4	89.0	89.7	91.4	92.9	93.0	94.4	95.6	95.9	96.4	96.6	96.8	96.8	96.8
GE 900	77.0	83.0	84.6	85.6	89.2	89.9	91.7	93.2	93.3	94.8	95.9	96.2	96.8	96.9	97.1	97.1	97.1
GE 800	77.0	83.0	84.6	85.6	89.2	89.9	91.7	93.2	93.3	94.8	95.9	96.2	96.8	96.9	97.1	97.1	97.1
GE 700	77.0	83.0	84.7	85.7	89.3	90.0	91.8	93.3	93.4	94.9	96.0	96.3	97.1	97.2	97.4	97.4	97.4
GE 600	77.0	83.8	85.4	86.4	90.3	91.0	92.9	94.4	94.6	96.0	97.1	97.4	98.3	98.4	98.7	98.7	98.7
GE 500	77.0	83.8	85.4	86.4	90.3	91.0	92.9	94.6	94.7	96.1	97.2	97.7	98.6	98.7	98.9	98.9	98.9
GE 400	77.0	84.1	85.8	86.8	90.7	91.3	93.3	95.0	95.1	96.6	97.7	98.1	99.1	99.2	99.4	99.4	99.4
GE 300	77.0	84.1	85.8	86.8	90.7	91.3	93.4	95.2	95.3	96.8	98.0	98.4	99.4	99.6	99.8	99.8	99.8
GE 200	77.0	84.1	85.8	86.8	90.7	91.3	93.4	95.2	95.3	96.9	98.1	98.6	99.6	99.7	100.0	100.0	100.0
GE 100	77.0	84.1	85.8	86.8	90.7	91.3	93.4	95.2	95.3	96.9	98.1	98.6	99.6	99.7	100.0	100.0	100.0
GE	C	77.0	84.1	85.8	86.8	90.7	91.3	93.4	95.2	95.3	96.9	98.1	98.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EILSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	38.7	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.8
GE 20000	40.6	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.7
GE 18000	43.0	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.6
GE 16000	43.7	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.2
GE 14000	46.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.4
GE 12000	51.3	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.0
GE 10000	56.8	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.7
GE 9000	57.7	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6
GE 8000	64.3	67.2	67.7	67.7	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4
GE 7000	68.2	71.6	72.1	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.2
GE 6000	68.9	72.7	73.3	73.7	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.0
GE 5000	70.1	74.2	75.0	75.3	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7	76.8
GE 4500	72.0	76.4	77.2	77.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.3
GE 4000	73.9	78.7	79.6	80.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8	81.8	81.9
GE 3500	74.2	79.2	80.1	80.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.7
GE 3000	75.4	81.4	82.3	83.0	84.7	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.6	85.6	85.7
GE 2500	76.0	82.2	83.4	84.4	86.3	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.3	87.3	87.4
GE 2000	76.6	83.0	84.3	85.4	87.4	87.8	88.1	88.3	88.7	88.8	88.9	88.9	88.9	89.2	89.2	89.3
GE 1800	76.6	83.1	84.4	85.6	87.8	88.2	88.6	88.8	89.1	89.2	89.3	89.3	89.3	89.7	89.7	89.8
GE 1500	76.7	83.3	84.7	85.9	88.7	89.2	90.0	90.6	90.9	91.1	91.2	91.3	91.3	91.8	91.8	91.9
GE 1200	76.9	84.0	85.3	86.6	89.3	90.3	91.1	91.9	92.2	93.0	93.6	93.7	94.1	94.1	94.2	94.2
GE 1000	77.2	84.4	85.8	87.0	90.2	91.2	92.6	93.4	93.8	94.7	95.8	96.1	96.7	96.8	96.9	96.9
GE 900	77.2	84.4	85.8	87.0	90.2	91.3	92.7	93.7	94.0	94.9	96.1	96.4	97.0	97.1	97.2	97.2
GE 800	77.2	84.4	85.8	87.0	90.3	91.4	92.8	93.8	94.1	95.0	96.4	96.8	97.3	97.4	97.6	97.6
GE 700	77.2	84.4	85.8	87.0	90.3	91.4	92.8	93.8	94.1	95.1	96.7	97.0	97.6	97.7	97.8	97.8
GE 600	77.3	84.7	86.2	87.6	90.9	92.0	93.3	94.3	94.7	95.7	97.2	97.6	98.1	98.2	98.3	98.3
GE 500	77.3	84.7	86.3	87.7	91.0	92.1	93.6	94.6	94.9	95.9	97.4	97.8	98.6	98.7	98.8	98.8
GE 400	77.3	84.9	86.8	88.1	91.7	92.8	94.2	95.2	95.6	96.6	98.1	98.4	99.3	99.4	99.6	99.6
GE 300	77.3	84.9	86.8	88.1	91.7	92.8	94.2	95.2	95.6	96.6	98.2	98.6	99.4	99.6	99.7	99.7
GE 200	77.3	84.9	86.8	88.1	91.8	92.9	94.3	95.4	95.8	96.8	98.4	98.8	99.7	99.8	99.9	99.9
GE 100	77.3	84.9	86.8	88.1	91.8	92.9	94.3	95.6	95.9	96.9	98.6	98.9	99.8	99.9	100.0	100.0
GE 0	77.3	84.9	86.8	88.1	91.8	92.9	94.3	95.6	95.9	96.9	98.6	98.9	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	42.8	43.1	43.2	44.0	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	42.1	45.1	45.4	45.6	46.3	46.4	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	44.4	48.1	48.4	48.6	49.4	49.6	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	44.6	48.2	48.6	48.7	49.6	49.7	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	46.4	50.6	50.9	51.0	51.9	52.0	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	48.3	52.8	53.1	53.2	54.1	54.2	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	52.9	57.9	58.2	58.6	59.4	59.6	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	54.0	59.2	59.6	59.9	60.8	60.9	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	59.1	66.2	66.6	67.1	68.0	68.1	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	62.2	69.3	69.8	70.3	71.2	71.3	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	63.3	70.4	70.9	71.4	72.4	72.6	73.2	73.2	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6
GE 5000	65.3	73.2	73.7	74.2	75.3	75.4	76.1	76.1	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4
GE 4500	66.4	74.4	74.9	75.7	76.8	76.9	77.6	77.6	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9
GE 4000	67.6	76.1	76.7	77.4	78.7	78.8	79.4	79.4	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8
GE 3500	68.6	77.6	78.1	78.9	80.1	80.2	80.9	80.9	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2
GE 3000	70.2	79.7	80.3	81.2	82.8	82.9	83.9	83.9	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2
GE 2500	70.9	80.6	81.6	82.6	84.3	84.6	85.7	85.8	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1
GE 2000	71.8	81.9	83.0	84.0	85.9	86.2	87.7	88.0	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6
GE 1800	72.0	82.1	83.2	84.3	86.3	86.7	88.2	88.6	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1
GE 1500	72.7	83.2	84.3	85.4	88.1	88.6	90.9	91.2	91.4	91.6	92.1	92.2	92.2	92.2	92.2	92.2
GE 1200	72.8	83.6	84.7	85.8	89.0	89.8	92.4	92.8	93.0	93.1	93.7	93.8	93.8	93.8	93.8	93.8
GE 1000	72.9	83.8	85.1	86.3	89.9	91.1	94.2	94.6	94.9	95.0	95.6	95.7	95.7	95.7	95.7	95.7
GE 900	72.9	83.8	85.3	86.6	90.1	91.3	94.4	94.9	95.2	95.3	95.9	96.0	96.0	96.0	96.0	96.0
GE 800	72.9	83.8	85.4	86.7	90.2	91.4	94.6	95.0	95.3	95.4	96.0	96.1	96.1	96.1	96.1	96.1
GE 700	72.9	83.9	85.6	86.8	90.4	91.7	95.1	95.6	95.9	96.0	96.8	96.9	96.9	96.9	96.9	96.9
GE 600	73.3	84.8	86.4	88.1	92.0	93.2	96.7	97.1	97.4	97.6	98.4	98.6	98.6	98.6	98.6	98.6
GE 500	73.3	84.8	86.4	88.1	92.1	93.3	97.0	97.6	97.9	98.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 400	73.3	84.8	86.4	88.1	92.8	94.0	97.7	98.2	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 300	73.3	84.8	86.4	88.1	92.8	94.0	97.7	98.2	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 200	73.3	84.8	86.4	88.1	92.8	94.0	97.7	98.3	98.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	73.3	84.8	86.4	88.1	92.8	94.0	97.7	98.3	98.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 0	73.3	84.8	86.4	88.1	92.8	94.0	97.7	98.3	98.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	43.8	48.1	48.3	48.4	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	
GE 20000	45.7	50.1	50.3	50.4	51.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	
GE 18000	46.7	51.9	52.2	52.3	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	
GE 16000	47.0	52.2	52.6	52.7	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	
GE 14000	48.8	54.3	54.7	54.8	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	
GE 12000	49.4	55.2	55.6	55.7	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	
GE 10000	52.4	58.7	59.0	59.1	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	
GE 9000	53.1	59.7	60.0	60.1	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	
GE 8000	57.6	65.9	66.2	66.3	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	
GE 7000	60.9	69.8	70.1	70.3	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	
GE 6000	62.1	71.3	71.8	72.0	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	
GE 5000	63.6	72.9	73.6	73.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	
GE 4500	64.8	74.3	75.1	75.3	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	
GE 4000	65.4	76.1	76.9	77.1	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	
GE 3500	66.6	78.3	79.1	79.3	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	
GE 3000	67.3	79.7	81.0	81.3	82.8	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	
GE 2500	69.1	81.6	83.1	83.6	85.9	86.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	
GE 2000	68.3	82.3	83.9	85.1	87.4	87.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	
GE 1800	68.3	82.3	83.9	85.2	88.1	88.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	
GE 1600	69.3	83.9	85.4	86.6	90.0	90.3	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	
GE 1400	69.4	84.3	85.9	87.2	90.6	90.9	92.2	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	
GE 1200	69.6	84.7	86.2	87.6	91.1	91.6	92.9	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	
GE 1000	69.6	84.8	86.3	87.8	91.3	91.8	93.3	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	
GE 900	69.6	85.0	86.6	88.0	91.6	92.2	94.0	94.6	94.7	94.8	94.9	94.9	94.9	94.9	95.0	95.0	
GE 800	69.7	85.2	87.0	88.4	92.0	92.7	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	
GE 700	69.9	85.8	87.6	89.0	92.7	93.3	95.6	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8	
GE 600	69.9	85.8	87.6	89.0	92.8	93.4	95.8	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.6	97.6	
GE 500	69.9	85.8	87.6	89.0	92.8	93.4	95.8	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.6	97.6	
GE 400	70.0	86.1	88.0	89.4	94.0	94.8	97.3	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	
GE 300	70.0	86.1	88.0	89.4	94.1	94.9	97.4	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.4	99.6	
GE 200	70.0	86.1	88.0	89.4	94.3	95.1	97.7	98.8	98.9	99.1	99.4	99.6	99.7	99.7	99.9	100.0	
GE 100	70.0	86.1	88.0	89.4	94.3	95.1	97.7	98.8	98.9	99.1	99.4	99.6	99.7	99.7	99.9	100.0	
GE 0	70.0	86.1	88.0	89.4	94.3	95.1	97.7	98.8	98.9	99.1	99.4	99.6	99.7	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.2	44.5	44.9	45.1	45.7	45.7	45.9	46.0	46.1	46.1	46.1	46.1	46.2	46.2	46.3	46.3
GE 20000	43.5	46.9	47.2	47.4	48.0	48.1	48.3	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.6	48.7
GE 18000	45.6	49.5	49.8	50.0	50.7	50.7	50.9	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.3	51.4
GE 16000	46.1	50.0	50.3	50.6	51.2	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.9	51.9
GE 14000	48.6	52.6	52.9	53.2	53.8	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.4	54.5	54.5
GE 12000	50.3	54.5	54.9	55.1	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.4	56.5
GE 10000	54.6	59.2	59.7	59.9	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.3
GE 9000	55.5	60.2	60.6	60.9	61.5	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.3	62.3
GE 8000	60.7	66.5	67.0	67.3	68.1	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.8	68.9	68.9
GE 7000	63.5	69.7	70.4	70.7	71.5	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.2	72.3	72.4	72.4
GE 6000	64.4	70.8	71.5	71.8	72.8	72.8	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.6	73.7	73.7
GE 5000	65.7	72.6	73.4	73.8	74.9	75.0	75.3	75.5	75.5	75.5	75.6	75.6	75.8	75.8	75.9	75.9
GE 4500	66.8	74.1	75.1	75.6	76.9	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.9	77.9	78.0	78.1
GE 4000	67.9	75.6	76.6	77.2	78.6	78.8	79.2	79.3	79.3	79.4	79.4	79.5	79.6	79.7	79.8	79.8
GE 3500	68.8	76.9	78.0	78.6	80.1	80.3	80.7	80.8	80.9	80.9	81.0	81.0	81.1	81.2	81.3	81.3
GE 3000	70.2	78.9	80.3	81.1	82.9	83.2	83.8	84.0	84.0	84.1	84.1	84.1	84.3	84.3	84.5	84.5
GE 2500	70.8	80.0	81.6	82.6	84.8	85.2	85.8	86.1	86.1	86.2	86.2	86.2	86.4	86.4	86.6	86.6
GE 2000	71.3	80.9	82.7	84.0	86.6	87.0	87.9	88.3	88.3	88.5	88.5	88.6	88.7	88.8	88.9	88.9
GE 1800	71.4	81.1	82.9	84.2	86.9	87.3	88.2	88.6	88.6	88.7	88.8	88.9	89.1	89.2	89.3	89.3
GE 1500	71.8	82.2	84.1	85.5	88.7	89.2	90.4	91.0	91.1	91.3	91.5	91.5	91.7	91.8	91.9	91.9
GE 1200	72.0	82.8	84.8	86.2	89.5	90.1	91.4	92.0	92.1	92.4	92.7	92.8	93.0	93.0	93.1	93.1
GE 1000	72.3	83.3	85.3	86.7	90.5	91.1	92.7	93.4	93.5	94.0	94.5	94.6	94.9	95.0	95.1	95.1
GE 900	72.3	83.4	85.4	86.9	90.8	91.6	93.1	93.9	94.0	94.5	95.1	95.2	95.5	95.6	95.7	95.7
GE 800	72.4	83.5	85.6	87.0	91.0	91.8	93.4	94.2	94.3	94.8	95.4	95.6	95.8	95.9	96.1	96.1
GE 700	72.4	83.6	85.7	87.2	91.3	92.1	93.8	94.6	94.7	95.2	95.9	96.1	96.4	96.5	96.6	96.6
GE 600	72.5	84.0	86.2	87.8	92.2	92.9	94.7	95.5	95.7	96.2	96.9	97.1	97.4	97.5	97.6	97.6
GE 500	72.5	84.1	86.4	87.9	92.3	93.1	95.0	95.9	96.0	96.6	97.4	97.5	97.9	98.0	98.2	98.3
GE 400	72.6	84.3	86.7	88.3	93.0	93.8	95.7	96.6	96.8	97.3	98.2	98.4	98.8	98.9	99.1	99.2
GE 300	72.6	84.3	86.7	88.3	93.0	93.9	95.8	96.7	96.9	97.4	98.4	98.6	99.0	99.1	99.4	99.4
GE 200	72.6	84.3	86.7	88.4	93.1	93.9	95.9	96.9	97.1	97.7	98.7	98.9	99.4	99.5	99.8	99.9
GE 100	72.6	84.3	86.7	88.4	93.1	93.9	95.9	96.9	97.1	97.7	98.7	98.9	99.4	99.6	99.8	100.0
GE 0	72.6	84.3	86.7	88.4	93.1	93.9	95.9	96.9	97.1	97.7	98.7	98.9	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	32.2	38.2	38.9	39.8	43.4	43.9	45.2	46.6	46.8	47.3	48.2	48.8	50.3	50.5	50.8	51.1		
GE 20000	32.9	39.0	39.8	40.6	44.3	44.7	46.1	47.7	48.0	48.5	49.4	50.0	51.5	51.7	51.9	52.3		
GE 18000	34.7	41.1	41.8	42.7	46.5	46.9	48.3	49.9	50.1	50.6	51.5	52.2	53.7	53.9	54.1	54.4		
GE 16000	35.3	41.7	42.5	43.3	47.1	47.5	48.9	50.5	50.8	51.3	52.2	52.8	54.3	54.5	54.7	55.1		
GE 14000	35.9	42.7	43.4	44.3	48.1	48.5	49.9	51.5	51.7	52.3	53.1	53.8	55.3	55.5	55.7	56.0		
GE 12000	38.3	45.2	45.9	46.8	50.5	51.0	52.4	54.0	54.2	54.7	55.6	56.2	57.7	58.0	58.2	58.5		
GE 10000	42.0	49.2	50.0	50.9	54.6	55.1	56.6	58.2	58.4	58.9	59.8	60.4	61.9	62.2	62.4	62.7		
GE 9000	42.7	50.1	50.9	51.7	55.6	56.0	57.5	59.1	59.4	59.9	60.8	61.4	62.9	63.1	63.3	63.7		
GE 8000	50.0	58.1	58.8	59.7	63.7	64.1	65.6	67.2	67.4	68.0	68.8	69.5	71.0	71.2	71.4	71.7		
GE 7000	52.6	61.4	62.2	63.1	67.1	67.5	69.0	70.6	70.9	71.4	72.3	72.9	74.4	74.6	74.8	75.2		
GE 6000	53.4	62.4	63.1	64.1	68.1	68.5	70.0	71.6	71.8	72.4	73.2	73.9	75.4	75.6	75.8	76.1		
GE 5000	54.5	64.0	64.8	65.8	70.2	70.6	72.2	73.8	74.0	74.5	75.4	76.0	77.5	77.7	78.0	78.3		
GE 4500	55.7	65.7	66.7	67.6	72.2	72.6	74.1	75.7	75.9	76.5	77.3	78.0	79.5	79.7	79.9	80.2		
GE 4000	56.6	66.8	67.8	68.9	73.9	74.3	75.8	77.4	77.6	78.2	79.0	79.7	81.2	81.4	81.6	81.9		
GE 3500	57.2	67.7	68.9	70.0	75.2	75.7	77.2	78.8	79.0	79.6	80.4	81.1	82.6	82.8	83.0	83.3		
GE 3000	57.8	68.6	70.4	71.6	77.3	77.8	79.5	81.1	81.3	81.8	82.7	83.3	84.8	85.1	85.3	85.6		
GE 2500	58.4	69.9	71.8	73.0	79.4	79.9	81.6	83.2	83.4	84.0	84.8	85.5	87.0	87.2	87.4	87.7		
GE 2000	59.6	71.3	73.5	74.9	81.7	82.3	84.1	85.7	85.9	86.5	87.3	88.0	89.5	89.7	89.9	90.2		
GE 1800	59.7	71.4	73.7	75.1	81.8	82.4	84.7	86.3	86.6	87.1	88.0	88.6	90.1	90.3	90.5	90.9		
GE 1500	60.0	71.9	74.3	75.8	82.7	83.4	85.8	87.7	88.0	88.6	89.6	90.2	91.7	91.9	92.2	92.5		
GE 1200	60.0	71.9	74.3	75.8	82.8	83.7	86.3	88.3	88.5	89.1	90.3	91.0	92.5	92.7	92.9	93.2		
GE 1000	60.0	72.0	74.4	75.9	83.2	84.4	87.2	89.4	89.6	90.2	92.3	92.9	94.4	94.6	94.8	95.2		
GE 900	60.1	72.2	74.7	76.2	83.5	84.8	87.7	89.9	90.1	90.8	92.8	93.4	94.9	95.2	95.4	95.7		
GE 800	60.2	72.3	74.8	76.3	83.8	85.1	88.0	90.1	90.3	91.0	93.0	93.7	95.2	95.4	95.6	95.9		
GE 700	60.2	72.3	74.8	76.3	83.8	85.1	88.2	90.3	90.5	91.3	93.3	94.0	95.5	95.7	95.9	96.2		
GE 600	60.2	72.4	74.9	76.5	84.0	85.3	88.4	90.5	90.8	91.5	93.5	94.2	95.7	95.9	96.1	96.5		
GE 500	60.3	72.7	75.3	76.8	84.3	85.6	89.0	91.2	91.4	92.5	94.6	95.4	96.9	97.1	97.3	97.6		
GE 400	60.4	72.8	75.4	77.0	84.5	85.8	89.2	91.4	91.6	92.7	94.9	95.7	97.2	97.4	97.6	98.0		
GE 300	60.4	72.8	75.5	77.3	84.8	86.1	89.6	91.7	91.9	93.3	95.8	96.6	98.2	98.4	98.6	99.1		
GE 200	60.4	72.8	75.5	77.3	84.8	86.1	89.9	92.2	92.4	93.9	96.3	97.1	98.7	98.9	99.2	99.8		
GE 100	60.4	72.8	75.5	77.3	84.8	86.1	89.9	92.2	92.4	94.0	96.5	97.2	98.8	99.0	99.4	99.9		
GE 0	60.4	72.8	75.5	77.3	84.8	86.1	89.9	92.2	92.4	94.0	96.6	97.3	98.9	99.1	99.5	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	30.6	37.1	38.4	38.9	42.0	42.6	43.8	45.3	45.6	46.2	47.1	47.4	48.8	49.1	49.4	49.8
GE 20000	31.3	38.0	39.4	39.9	43.3	43.9	45.1	46.6	46.9	47.5	48.4	48.7	50.1	50.4	50.6	51.1
GE 18000	32.4	39.5	40.9	41.4	44.8	45.4	46.6	48.1	48.4	49.0	49.9	50.2	51.6	51.9	52.2	52.6
GE 16000	32.8	39.9	41.3	41.8	45.3	45.8	47.0	48.5	48.8	49.5	50.3	50.6	52.0	52.4	52.6	53.0
GE 14000	33.4	40.8	42.2	42.7	46.1	46.7	47.8	49.4	49.7	50.3	51.2	51.5	52.9	53.2	53.4	53.9
GE 12000	35.9	43.3	44.7	45.3	48.7	49.2	50.5	52.0	52.4	53.0	53.9	54.2	55.6	55.9	56.1	56.6
GE 10000	40.4	48.1	49.5	50.0	53.4	54.0	55.3	57.1	57.4	58.1	58.9	59.2	60.6	61.0	61.2	61.6
GE 9000	41.2	49.0	50.4	51.0	54.4	54.9	56.2	58.1	58.4	59.0	59.9	60.2	61.6	61.9	62.2	62.6
GE 8000	48.3	56.7	58.1	58.6	62.0	62.6	63.9	65.7	66.0	66.7	67.5	67.8	69.2	69.6	69.8	70.3
GE 7000	51.4	60.1	61.5	62.0	65.6	66.1	67.4	69.2	69.6	70.2	71.1	71.4	72.8	73.1	73.3	73.9
GE 6000	51.6	60.4	61.8	62.4	65.9	66.5	67.7	69.6	69.9	70.5	71.4	71.7	73.1	73.4	73.7	74.2
GE 5000	53.9	63.4	65.1	65.7	69.2	69.8	71.1	72.9	73.2	73.9	74.7	75.1	76.5	76.8	77.0	77.5
GE 4500	55.7	65.6	67.2	67.8	71.5	72.2	73.5	75.4	75.7	76.3	77.2	77.5	78.9	79.2	79.5	80.0
GE 4000	56.5	66.5	68.1	68.7	72.7	73.3	74.7	76.6	76.9	77.5	78.4	78.7	80.1	80.4	80.6	81.2
GE 3500	57.1	67.8	69.9	71.0	75.4	76.0	77.4	79.2	79.6	80.2	81.1	81.4	82.8	83.1	83.3	83.9
GE 3000	57.5	68.7	71.1	72.4	77.2	77.8	79.2	81.1	81.4	82.0	82.9	83.2	84.6	84.9	85.2	85.7
GE 2500	57.8	69.6	72.0	73.3	78.8	79.5	81.0	82.6	83.1	83.8	84.6	84.9	86.3	86.7	86.9	87.4
GE 2000	58.2	70.4	72.9	74.3	80.3	81.2	83.0	84.9	85.4	86.0	86.9	87.2	88.6	88.9	89.1	89.7
GE 1800	58.3	70.5	73.0	74.4	80.4	81.3	83.2	85.2	85.6	86.2	87.1	87.4	88.8	89.1	89.4	89.9
GE 1500	58.6	71.1	73.5	75.3	81.6	82.5	85.1	87.0	87.5	88.3	89.1	89.5	90.9	91.2	91.4	91.9
GE 1200	59.7	71.4	73.9	75.6	82.3	83.1	86.0	88.0	88.5	89.2	90.2	90.5	91.9	92.3	92.5	93.0
GE 1000	59.0	71.7	74.2	75.9	83.2	84.3	87.4	89.4	90.0	90.8	92.0	92.6	94.0	94.3	94.5	95.1
GE 900	59.0	71.7	74.2	75.9	83.2	84.3	87.4	89.4	90.0	90.8	92.0	92.6	94.0	94.3	94.5	95.1
GE 800	59.0	71.7	74.2	75.9	83.2	84.3	87.4	89.4	90.0	90.8	92.0	92.6	94.0	94.3	94.5	95.1
GE 700	59.0	71.7	74.2	75.9	83.4	84.5	87.7	89.7	90.3	91.1	92.5	93.0	94.5	94.8	95.1	95.6
GE 600	59.1	71.9	74.4	76.1	83.7	84.7	88.0	90.1	90.8	91.5	92.9	93.4	94.9	95.3	95.5	96.0
GE 500	59.1	72.0	74.5	76.2	83.8	84.8	88.6	90.9	91.5	92.5	93.9	94.4	96.0	96.3	96.7	97.2
GE 400	59.1	72.0	74.6	76.3	84.2	85.3	89.0	91.3	91.9	92.9	94.4	95.1	96.7	97.0	97.4	98.0
GE 300	59.1	72.2	74.7	76.5	84.3	85.4	89.2	91.5	92.2	93.4	95.2	95.8	97.5	97.8	98.3	98.8
GE 200	59.1	72.2	74.7	76.5	84.5	85.6	89.6	91.9	92.6	94.2	95.9	96.6	98.3	98.7	99.5	100.0
GE 100	59.1	72.2	74.7	76.5	84.5	85.6	89.6	91.9	92.6	94.2	95.9	96.6	98.3	98.7	99.5	100.0
GE 0	59.1	72.2	74.7	76.5	84.5	85.6	89.6	91.9	92.6	94.2	95.9	96.6	98.3	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	38.2	39.2	40.2	42.7	43.2	44.4	46.8	47.2	48.0	48.9	49.2	51.0	51.0	51.2	51.5
GE 20000	32.9	39.8	41.2	42.2	44.6	45.2	46.3	48.7	49.1	49.9	50.9	51.2	52.9	52.9	53.1	53.4
GE 18000	34.6	41.9	43.4	44.4	46.9	47.4	48.6	51.0	51.4	52.2	53.1	53.4	55.2	55.2	55.4	55.7
GE 16000	35.8	43.1	44.6	45.6	48.1	48.6	49.8	52.2	52.6	53.3	54.3	54.6	56.3	56.3	56.6	56.9
GE 14000	36.2	43.5	45.1	46.0	48.5	49.0	50.2	52.6	53.0	53.8	54.7	55.1	56.8	56.8	57.0	57.3
GE 12000	38.0	45.4	46.9	47.8	50.3	50.9	52.0	54.4	54.8	55.6	56.6	56.9	58.6	58.6	58.8	59.1
GE 10000	42.5	50.2	51.7	52.8	55.3	55.8	57.0	59.5	59.9	60.6	61.6	61.9	63.7	63.7	63.9	64.2
GE 9000	42.8	50.6	52.3	53.3	56.0	56.6	57.7	60.2	60.6	61.4	62.4	62.7	64.4	64.4	64.6	64.9
GE 8000	48.9	57.6	59.4	60.6	63.3	63.9	65.1	67.5	68.0	68.7	69.7	70.0	71.7	71.8	72.2	72.5
GE 7000	53.0	62.4	64.1	65.4	68.4	68.9	70.1	72.6	73.0	73.8	74.7	75.1	76.8	76.9	77.2	77.5
GE 6000	53.3	62.7	64.4	65.7	68.7	69.2	70.4	72.9	73.3	74.1	75.1	75.4	77.1	77.2	77.5	77.8
GE 5000	54.7	64.5	66.3	67.7	70.9	71.4	72.6	75.1	75.5	76.2	77.2	77.5	79.2	79.4	79.7	80.0
GE 4500	56.2	66.5	68.3	69.9	73.0	73.5	74.9	77.4	77.8	78.6	79.6	79.9	81.6	81.7	82.0	82.4
GE 4000	56.6	67.3	69.4	71.0	74.1	74.6	76.0	78.5	78.9	79.7	80.6	81.0	82.7	82.8	83.1	83.4
GE 3500	57.2	68.1	70.6	72.6	75.8	76.3	77.7	80.2	80.6	81.4	82.4	82.7	84.4	84.5	84.8	85.2
GE 3000	57.7	69.0	71.7	73.8	77.2	77.7	79.1	81.6	82.0	82.8	83.8	84.1	85.8	85.9	86.2	86.6
GE 2500	58.3	70.2	73.1	75.3	78.9	79.5	81.1	83.8	84.2	84.9	85.9	86.2	88.0	88.1	88.4	88.7
GE 2000	58.7	71.6	74.6	77.0	81.2	81.7	83.3	86.0	86.6	87.3	88.3	88.6	90.3	90.4	90.8	91.1
GE 1800	58.9	71.8	74.8	77.2	81.4	81.9	83.5	86.2	86.8	87.5	88.5	88.8	90.5	90.6	91.0	91.3
GE 1500	59.5	72.4	75.4	77.7	82.0	82.6	84.4	87.4	88.1	88.9	89.9	90.2	91.9	92.0	92.4	92.7
GE 1200	59.7	72.8	75.9	78.4	82.7	83.3	85.4	88.5	89.2	90.1	91.1	91.4	93.1	93.2	93.5	93.9
GE 1000	59.8	72.9	76.1	78.6	83.0	84.0	86.2	89.5	90.2	91.1	92.3	92.7	94.4	94.5	94.8	95.2
GE 900	59.9	73.3	76.6	79.0	83.4	84.5	86.8	90.3	91.1	91.9	93.1	93.5	95.3	95.4	95.7	96.0
GE 800	59.9	73.3	76.6	79.0	83.4	84.5	86.8	90.3	91.1	91.9	93.1	93.5	95.3	95.4	95.7	96.0
GE 700	60.0	73.4	76.7	79.1	83.5	84.6	86.9	90.5	91.4	92.4	94.0	94.4	96.1	96.2	96.6	96.9
GE 600	60.3	73.8	77.0	79.5	83.9	84.9	87.2	90.9	91.7	92.7	94.3	94.7	96.5	96.6	96.9	97.2
GE 500	60.3	73.8	77.0	79.5	83.9	84.9	87.4	91.4	92.3	93.2	94.8	95.3	97.0	97.1	97.4	97.7
GE 400	60.3	73.8	77.0	79.5	84.0	85.1	87.5	91.5	92.4	93.4	95.1	95.5	97.2	97.3	97.6	98.1
GE 300	60.3	73.8	77.0	79.5	84.0	85.1	87.8	91.9	92.8	94.1	96.0	96.5	98.3	98.4	98.8	99.2
GE 200	60.3	73.8	77.0	79.5	84.0	85.2	88.0	92.0	93.0	94.5	96.7	97.1	98.9	99.0	99.6	100.0
GE 100	60.3	73.8	77.0	79.5	84.0	85.2	88.0	92.0	93.0	94.5	96.7	97.1	98.9	99.0	99.6	100.0
GE 0	60.3	73.8	77.0	79.5	84.0	85.2	88.0	92.0	93.0	94.5	96.7	97.1	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7C265D STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	27.4	31.0	31.8	32.8	35.7	36.2	37.8	38.8	39.6	40.2	41.4	41.6	43.8	44.2	44.7	45.1	
GE 20000	30.1	33.8	34.7	35.7	38.6	39.1	40.8	41.7	42.5	43.1	44.3	44.5	46.7	47.1	47.6	48.0	
GE 18000	33.1	37.0	38.0	38.9	41.8	42.4	44.0	44.9	45.7	46.3	47.5	47.7	49.9	50.3	50.9	51.2	
GE 16000	34.5	38.4	39.4	40.3	43.2	43.8	45.4	46.3	47.1	47.7	48.9	49.1	51.3	51.7	52.3	52.6	
GE 14000	35.3	39.1	40.1	41.1	44.0	44.5	46.1	47.1	47.8	48.5	49.7	49.9	52.0	52.5	53.0	53.2	
GE 12000	37.4	41.3	42.3	43.2	46.1	46.7	48.3	49.2	50.0	50.6	51.8	52.2	54.3	54.7	55.4	55.7	
GE 10000	42.3	46.2	47.5	48.6	51.6	52.2	53.8	54.7	55.5	56.1	57.3	57.6	59.8	60.2	60.9	61.2	
GE 9500	43.7	48.0	49.2	50.3	53.4	54.0	55.6	56.6	57.3	58.0	59.1	59.5	61.6	62.0	62.7	63.0	
GE 8000	51.2	55.8	57.3	58.4	61.5	62.0	63.7	64.7	65.5	66.1	67.3	67.6	69.8	70.2	70.9	71.2	
GE 7000	55.3	60.3	61.8	62.9	66.2	66.8	68.4	69.5	70.2	71.0	72.2	72.5	74.7	75.2	75.8	76.1	
GE 6000	56.0	61.2	62.7	63.9	67.3	67.8	69.5	70.5	71.3	72.2	73.3	73.7	75.9	76.3	77.0	77.3	
GE 5000	57.6	63.3	65.1	66.2	69.7	70.2	71.8	72.9	73.7	74.5	75.7	76.0	78.3	78.7	79.4	79.7	
GE 4500	59.5	65.4	67.1	68.3	71.7	72.3	73.9	74.9	75.7	76.6	77.7	78.1	80.3	80.8	81.4	81.7	
GE 4000	60.1	66.5	68.5	69.8	73.2	73.8	75.4	76.5	77.2	78.1	79.5	79.8	82.0	82.5	83.1	83.4	
GE 3500	61.1	67.7	69.9	71.2	74.7	75.3	76.9	78.0	78.7	79.6	81.0	81.3	83.5	84.0	84.6	84.9	
GE 3000	62.4	69.5	71.7	73.0	76.7	77.2	78.8	79.9	80.6	81.5	82.9	83.2	85.5	85.9	86.6	86.9	
GE 2500	63.3	71.1	73.5	75.2	79.2	79.8	81.5	82.6	83.3	84.2	85.6	85.9	88.2	88.6	89.2	89.6	
GE 2000	63.8	72.3	74.8	76.6	81.1	81.6	83.5	84.6	85.5	86.5	87.8	88.2	90.4	90.9	91.5	91.8	
GE 1800	63.9	72.4	74.9	76.7	81.2	81.7	83.8	84.9	85.8	86.8	88.2	88.5	90.8	91.2	91.8	92.2	
GE 1500	64.2	72.7	75.3	77.0	81.9	82.5	84.6	85.9	86.9	88.1	89.6	89.9	92.2	92.7	93.3	93.7	
GE 1200	64.4	72.9	75.7	77.4	82.6	83.1	85.4	86.8	87.7	88.9	90.5	90.9	93.1	93.7	94.3	94.6	
GE 1000	64.5	73.0	75.8	77.6	83.0	83.7	86.0	87.6	88.6	89.9	91.8	92.2	94.5	95.1	95.7	96.0	
GE 900	64.7	73.2	76.0	78.0	83.3	84.0	86.7	88.4	89.4	90.6	92.6	92.9	95.4	95.9	96.6	96.9	
GE 800	64.7	73.2	76.0	78.0	83.3	84.0	86.7	88.4	89.4	90.6	92.6	92.9	95.4	95.9	96.6	96.9	
GE 700	64.7	73.5	76.3	78.4	83.9	84.5	87.2	89.0	90.0	91.3	93.4	93.8	96.2	96.9	97.5	97.8	
GE 600	64.7	73.5	76.3	78.4	83.9	84.5	87.2	89.0	90.0	91.3	93.4	93.8	96.2	96.9	97.5	97.8	
GE 500	64.7	73.5	76.3	78.5	84.0	84.9	87.6	89.6	90.6	91.9	94.2	94.5	97.0	97.6	98.3	98.6	
GE 400	64.7	73.5	76.3	78.5	84.1	85.1	87.8	89.8	90.9	92.2	94.4	94.7	97.2	98.0	98.6	98.9	
GE 300	64.7	73.5	76.3	78.5	84.1	85.1	88.1	90.0	91.1	92.4	94.9	95.3	97.8	98.6	99.2	99.6	
GE 200	64.7	73.5	76.3	78.5	84.1	85.1	88.1	90.0	91.2	92.5	95.1	95.4	98.1	98.8	99.6	99.9	
GE 100	64.7	73.5	76.3	78.5	84.1	85.1	88.1	90.0	91.2	92.5	95.1	95.4	98.1	98.8	99.7	100.0	
GE 0	64.7	73.5	76.3	78.5	84.1	85.1	88.1	90.0	91.2	92.5	95.1	95.4	98.1	98.8	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.8	31.8	33.0	33.1	35.1	35.2	35.8	36.3	36.5	37.2	38.1	38.2	40.4	40.6	42.0	42.6
GE 20000	31.3	34.4	35.6	35.8	37.8	38.2	38.8	39.4	39.5	40.2	41.1	41.2	43.4	43.7	45.1	45.6
GE 18000	35.8	39.0	40.2	40.4	42.7	43.0	43.7	44.3	44.4	45.2	46.0	46.1	48.4	48.6	50.0	50.6
GE 16000	37.2	40.4	41.6	41.8	44.1	44.4	45.1	45.7	45.8	46.6	47.4	47.5	49.8	50.0	51.4	52.0
GE 14000	39.0	42.4	43.5	43.8	46.0	46.3	47.0	47.6	47.7	48.5	49.4	49.5	51.7	51.9	53.3	54.0
GE 12000	41.0	44.5	45.7	45.9	48.2	48.5	49.1	49.8	49.9	50.6	51.5	51.6	53.9	54.1	55.8	56.5
GE 10000	45.8	49.8	51.5	51.8	54.1	54.4	55.1	55.7	55.8	56.7	57.5	57.6	59.9	60.1	61.8	62.5
GE 9000	47.0	51.4	53.1	53.4	55.7	56.0	56.7	57.3	57.4	58.3	59.1	59.2	61.5	61.7	63.4	64.1
GE 8000	54.5	59.6	61.4	61.7	64.0	64.3	64.9	65.6	65.7	66.6	67.4	67.5	69.9	70.2	72.0	72.7
GE 7000	58.3	63.9	65.8	66.1	68.4	68.8	69.5	70.1	70.2	71.1	71.9	72.0	74.4	74.7	76.6	77.2
GE 6000	59.9	65.6	67.5	67.8	70.1	70.5	71.3	71.9	72.0	72.9	73.8	73.9	76.2	76.6	78.4	79.0
GE 5000	61.4	67.7	69.7	70.0	72.4	72.8	73.7	74.3	74.4	75.3	76.1	76.2	78.6	78.9	80.8	81.4
GE 4500	61.8	68.2	70.1	70.5	72.9	73.3	74.3	74.9	75.1	75.9	76.8	76.9	79.2	79.6	81.4	82.0
GE 4000	62.3	68.7	71.1	71.6	74.2	74.6	75.8	76.5	76.6	77.4	78.3	78.4	80.8	81.1	82.9	83.5
GE 3500	63.1	69.9	72.4	72.9	75.6	76.0	77.2	78.0	78.1	78.9	79.8	79.9	82.3	82.6	84.4	85.1
GE 3000	64.4	71.8	74.4	75.2	78.3	78.7	79.9	80.6	80.8	81.6	82.5	82.6	84.9	85.3	87.1	87.7
GE 2500	65.2	72.9	75.6	76.6	79.9	80.3	81.5	82.5	82.6	83.4	84.3	84.4	86.8	87.1	88.9	89.6
GE 2000	66.0	73.8	76.5	77.5	81.2	81.7	83.2	84.4	84.5	86.0	86.9	87.0	89.4	89.7	91.5	92.2
GE 1800	66.0	73.8	76.5	77.6	81.3	81.8	83.3	84.5	84.6	86.1	87.0	87.1	89.5	89.8	91.6	92.3
GE 1600	66.1	74.0	76.7	78.2	81.8	82.4	84.1	85.5	85.9	87.4	88.3	88.4	90.8	91.1	92.9	93.5
GE 1400	66.1	74.0	76.8	78.4	82.0	82.6	84.4	86.0	86.6	88.1	89.0	89.2	91.6	91.9	93.8	94.4
GE 1200	66.5	74.3	77.1	78.8	82.7	83.2	85.3	86.9	87.7	89.4	90.5	90.8	93.2	93.7	95.5	96.1
GE 900	66.6	74.4	77.2	78.9	82.8	83.3	85.4	87.1	88.0	90.0	91.2	91.5	94.1	94.5	96.3	97.0
GE 800	66.6	74.4	77.2	78.9	82.8	83.3	85.4	87.1	88.0	90.1	91.3	91.6	94.2	94.6	96.5	97.1
GE 700	66.6	74.4	77.2	78.9	82.9	83.4	85.5	87.2	88.1	90.3	91.5	92.2	94.7	95.2	97.0	97.6
GE 600	66.6	74.4	77.2	78.9	82.9	83.4	85.5	87.2	88.1	90.3	91.5	92.2	94.9	95.5	97.3	98.0
GE 500	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.5	92.2	92.9	95.9	96.6	98.4	99.0
GE 400	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.6	92.3	93.0	96.2	97.0	98.8	99.6
GE 300	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.6	92.3	93.0	96.2	97.0	98.9	99.8
GE 200	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.6	92.3	93.0	96.2	97.0	99.0	100.0
GE 100	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.6	92.3	93.0	96.2	97.0	99.0	100.0
GE 0	66.6	74.4	77.2	78.9	82.9	83.5	85.6	87.3	88.2	90.6	92.3	93.0	96.2	97.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LEST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.6	29.6	30.5	31.5	33.1	33.3	34.3	34.6	34.7	35.2	36.2	36.5	38.1	38.4	39.5	39.6
GE 20000	26.9	31.0	31.9	32.9	34.5	34.7	35.7	36.0	36.1	36.6	37.6	37.8	39.5	39.8	40.9	41.0
GE 18000	30.0	34.5	35.5	36.5	38.3	38.5	39.5	40.1	40.2	40.6	41.7	41.9	43.5	43.9	44.9	45.1
GE 16000	30.6	35.2	36.1	37.1	38.9	39.1	40.1	40.8	40.9	41.3	42.4	42.6	44.2	44.5	45.6	45.7
GE 14000	32.6	37.2	38.2	39.1	41.0	41.2	42.2	42.8	42.9	43.3	44.4	44.6	46.2	46.6	47.6	47.7
GE 12000	37.1	41.9	42.9	43.9	45.7	45.9	46.9	47.5	47.6	48.1	49.1	49.4	51.0	51.3	52.4	52.5
GE 10000	43.3	48.8	50.1	51.1	52.9	53.1	54.2	54.8	54.9	55.4	56.5	56.7	58.3	58.6	59.7	59.8
GE 9000	44.7	50.4	51.8	52.8	54.6	54.8	55.9	56.6	56.7	57.1	58.2	58.4	60.0	60.3	61.4	61.5
GE 8000	51.6	57.6	59.2	60.3	62.2	62.4	63.5	64.2	64.3	64.7	65.9	66.1	67.8	68.2	69.6	69.7
GE 7000	55.4	61.8	63.7	64.8	66.9	67.1	68.3	68.9	69.0	69.5	70.6	70.9	72.6	72.9	74.4	74.6
GE 6000	55.8	62.3	64.1	65.3	67.5	67.7	68.9	69.6	69.7	70.1	71.3	71.5	73.2	73.5	75.1	75.3
GE 5000	57.2	63.8	65.7	66.9	69.5	69.7	70.9	71.5	71.6	72.0	73.2	73.4	75.2	75.5	77.0	77.2
GE 4500	58.4	65.4	67.3	68.5	71.2	71.4	72.6	73.2	73.3	73.8	74.9	75.2	76.9	77.2	78.7	78.9
GE 4000	59.4	66.5	68.7	69.9	72.9	73.1	74.3	75.1	75.2	75.6	76.8	77.0	78.7	79.1	80.6	80.9
GE 3500	59.9	67.2	69.6	70.8	73.9	74.1	75.6	76.3	76.5	76.9	78.1	78.3	80.0	80.4	81.9	82.2
GE 3000	61.2	69.7	72.0	73.3	76.9	77.1	78.6	79.4	79.5	79.9	81.1	81.3	83.0	83.4	84.9	85.2
GE 2500	61.4	70.0	72.7	74.1	78.1	78.3	79.8	80.5	80.8	81.2	82.4	82.6	84.3	84.7	86.2	86.5
GE 2000	62.2	71.2	73.9	75.7	80.3	80.5	82.5	83.2	83.9	84.7	85.9	86.1	87.8	88.3	89.8	90.0
GE 1800	62.2	71.2	74.0	75.8	80.4	80.6	82.6	83.4	84.1	85.1	86.3	86.6	88.3	88.7	90.2	90.4
GE 1500	62.5	71.6	74.6	76.8	81.5	81.7	83.7	84.6	85.5	86.7	88.0	88.2	89.9	90.3	91.8	92.0
GE 1200	62.7	71.9	74.9	77.2	82.2	82.4	84.4	85.4	86.2	87.5	88.9	89.1	90.9	91.3	92.8	93.2
GE 1000	62.9	72.3	75.3	77.5	82.5	82.7	84.9	85.9	87.0	88.6	90.6	90.9	92.6	93.0	94.5	94.9
GE 900	62.9	72.4	75.4	77.6	82.6	82.8	85.1	86.0	87.1	88.9	91.1	91.3	93.1	93.5	95.1	95.5
GE 800	62.9	72.4	75.4	77.6	82.6	82.9	85.2	86.2	87.3	89.2	91.6	91.8	93.7	94.1	95.6	96.0
GE 700	62.9	72.4	75.4	77.6	82.6	82.9	85.2	86.2	87.3	89.4	91.8	92.0	94.2	94.6	96.1	96.6
GE 600	63.0	72.5	75.6	78.0	83.0	83.4	85.7	86.8	87.8	89.9	92.4	92.6	94.7	95.3	96.8	97.2
GE 500	63.1	72.8	76.0	78.4	83.5	84.0	86.2	87.4	88.5	90.6	93.4	93.7	95.9	96.7	98.2	98.6
GE 400	63.1	72.8	76.0	78.4	83.5	84.0	86.2	87.4	88.5	90.6	93.4	93.7	96.1	96.9	98.4	98.9
GE 300	63.1	72.8	76.0	78.4	83.5	84.0	86.2	87.4	88.5	90.6	93.4	93.8	96.2	97.0	98.7	99.2
GE 200	63.1	72.8	76.0	78.4	83.7	84.1	86.3	87.5	88.6	90.8	93.7	94.0	96.8	97.5	99.2	99.8
GE 100	63.1	72.8	76.0	78.4	83.7	84.1	86.3	87.5	88.6	90.8	93.8	94.1	96.9	97.6	99.4	100.0
GE 0	63.1	72.8	76.0	78.4	83.7	84.1	86.3	87.5	88.6	90.8	93.8	94.1	96.9	97.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1511): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.9	33.1	34.1	34.3	37.5	37.5	38.7	40.0	40.0	41.0	43.1	43.3	44.6	45.4	45.7	46.1
GE 20000	28.7	35.3	36.2	36.5	39.7	39.7	40.9	42.2	42.2	43.1	45.3	45.5	46.8	47.5	47.8	48.3
GE 18000	31.4	38.5	39.5	39.7	42.9	43.0	44.2	45.5	45.5	46.5	48.6	48.8	50.1	50.9	51.2	51.6
GE 16000	32.0	39.1	40.1	40.4	43.7	43.8	44.9	46.2	46.2	47.2	49.4	49.6	50.9	51.6	51.9	52.4
GE 14000	33.2	40.3	41.3	41.6	44.8	44.9	46.1	47.4	47.4	48.4	50.5	50.8	52.0	52.8	53.1	53.5
GE 12000	35.5	42.6	43.5	44.0	47.2	47.3	48.5	49.8	49.8	50.8	52.9	53.1	54.4	55.2	55.5	55.9
GE 10000	40.8	48.1	49.1	49.6	52.9	53.0	54.2	55.5	55.5	56.5	58.6	58.8	60.1	60.9	61.2	61.6
GE 9000	41.5	48.8	49.9	50.3	53.7	53.8	54.9	56.2	56.2	57.2	59.4	59.6	60.9	61.6	61.9	62.4
GE 8000	48.4	56.2	57.3	57.8	61.2	61.3	62.5	63.8	63.8	64.7	66.9	67.1	68.4	69.1	69.5	69.9
GE 7000	51.3	59.7	60.9	61.4	64.7	64.8	66.1	67.4	67.4	68.5	70.6	70.9	72.2	72.9	73.4	73.9
GE 6000	51.9	60.4	61.6	62.2	65.5	65.6	66.9	68.2	68.2	69.2	71.4	71.6	72.9	73.7	74.3	74.7
GE 5000	52.8	61.7	63.0	63.5	66.9	67.0	68.5	69.8	69.8	70.9	73.2	73.4	74.7	75.5	76.1	76.6
GE 4500	53.9	63.1	64.4	64.9	68.5	68.6	70.1	71.4	71.4	72.5	74.8	75.1	76.3	77.1	77.7	78.2
GE 4000	55.1	64.3	65.8	66.3	70.0	70.1	71.6	72.9	72.9	74.0	76.3	76.6	77.8	78.6	79.2	79.7
GE 3500	55.8	65.4	67.1	67.6	71.4	71.5	73.3	74.6	74.6	75.7	78.1	78.3	79.6	80.3	81.0	81.4
GE 3000	56.8	66.8	69.4	70.0	74.8	74.9	76.9	78.2	78.2	79.2	81.6	81.8	83.1	83.9	84.5	84.9
GE 2500	57.8	68.4	71.2	72.3	77.3	77.4	79.4	80.6	80.6	81.7	84.1	84.3	85.6	86.3	87.0	87.4
GE 2000	58.2	69.7	72.7	74.4	79.9	80.0	82.2	83.8	83.8	84.8	87.2	87.4	88.7	89.5	90.1	90.5
GE 1800	58.3	69.9	72.9	74.6	80.1	80.3	82.5	84.4	84.4	85.5	87.8	88.1	89.4	90.1	90.8	91.2
GE 1500	58.3	70.0	73.0	74.8	80.8	81.0	83.1	85.2	85.2	86.2	88.6	88.8	90.1	90.9	91.5	91.9
GE 1200	58.9	71.0	74.0	75.8	81.7	81.9	84.1	86.1	86.1	87.2	89.6	89.8	91.1	91.8	92.5	92.9
GE 1000	59.6	71.9	74.9	76.8	83.0	83.2	85.7	87.8	88.4	89.5	92.0	92.3	93.5	94.3	94.9	95.4
GE 900	59.6	71.9	74.9	76.8	83.0	83.2	85.7	87.8	88.4	89.5	92.0	92.7	94.1	94.8	95.5	95.9
GE 800	59.6	71.9	74.9	76.8	83.0	83.2	85.8	88.0	88.5	89.6	92.7	92.9	94.3	95.1	95.7	96.1
GE 700	59.7	72.0	75.1	76.9	83.1	83.3	86.2	88.5	89.0	90.1	93.3	93.5	94.9	95.7	96.3	96.8
GE 600	59.9	72.3	75.3	77.1	83.4	83.9	86.8	89.0	89.6	90.6	94.0	94.2	95.7	96.5	97.1	97.5
GE 500	60.0	72.4	75.4	77.2	83.5	84.0	86.9	89.1	89.7	91.0	94.6	94.9	96.6	97.3	98.0	98.4
GE 400	60.0	72.4	75.4	77.2	83.5	84.0	87.0	89.2	89.8	91.1	94.8	95.2	96.8	97.6	98.3	98.7
GE 300	60.0	72.4	75.4	77.2	83.5	84.0	87.0	89.2	89.8	91.2	95.1	95.4	97.3	98.2	98.9	99.4
GE 200	60.0	72.4	75.4	77.2	83.5	84.1	87.1	89.4	89.9	91.4	95.4	95.7	97.6	98.6	99.4	99.8
GE 100	60.0	72.4	75.4	77.2	83.5	84.2	87.2	89.6	90.1	91.6	95.6	95.9	97.8	98.8	99.6	100.0
GE 01 60.0	72.4	75.4	77.2	83.5	84.2	87.2	89.6	90.1	91.6	95.6	95.9	97.8	98.8	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	1	29.8	34.7	35.8	36.9	40.4	41.1	42.4	43.4	43.7	44.5	46.2	46.7	47.2	47.6	48.2	48.4	
GE 20000	1	30.2	36.2	37.3	38.4	41.9	42.6	44.0	45.1	45.3	46.2	48.0	48.4	48.9	49.4	49.9	50.1	
GE 18000	1	32.7	38.8	39.9	41.0	44.7	45.4	46.8	47.8	48.1	49.0	50.8	51.2	51.7	52.2	52.7	52.9	
GE 16000	1	33.1	39.2	40.3	41.4	45.2	45.8	47.2	48.3	48.5	49.5	51.2	51.6	52.2	52.6	53.1	53.3	
GE 14000	1	33.5	39.7	40.9	41.9	45.7	46.3	47.7	48.8	49.0	50.0	51.7	52.2	52.7	53.1	53.7	53.9	
GE 12000	1	35.9	42.0	43.2	44.3	48.2	48.8	50.2	51.3	51.5	52.5	54.2	54.6	55.2	55.6	56.1	56.3	
GE 10000	1	40.4	46.9	48.1	49.1	53.0	53.7	55.1	56.1	56.3	57.3	59.0	59.5	60.0	60.4	61.0	61.2	
GE 9000	1	41.0	47.4	48.6	49.7	53.5	54.2	55.6	56.7	56.9	57.8	59.6	60.0	60.5	61.0	61.5	61.7	
GE 8000	1	47.8	54.8	56.0	57.2	61.3	61.9	63.3	64.4	64.6	65.6	67.3	67.7	68.3	68.7	69.2	69.5	
GE 7000	1	50.3	58.2	59.5	60.6	65.1	65.7	67.1	68.2	68.4	69.4	71.1	71.5	72.0	72.5	73.0	73.2	
GE 6000	1	51.2	59.0	60.3	61.5	65.9	66.6	68.0	69.0	69.2	70.2	71.9	72.4	73.0	73.4	74.2	74.4	
GE 5000	1	51.8	60.6	62.0	63.2	67.7	68.4	70.1	71.3	71.5	72.6	74.3	74.7	75.4	75.8	76.6	76.8	
GE 4500	1	53.3	62.7	64.1	65.3	69.8	70.4	72.2	73.3	73.5	74.6	76.3	76.8	77.4	77.8	78.6	78.8	
GE 4000	1	54.7	64.4	65.9	67.2	72.0	72.7	74.4	75.6	75.8	76.9	78.6	79.0	79.7	80.1	80.9	81.1	
GE 3500	1	55.1	64.9	66.6	68.1	73.1	73.8	75.5	76.7	76.9	78.0	79.7	80.1	80.8	81.2	81.9	82.2	
GE 3000	1	55.9	66.1	68.7	70.4	75.9	76.6	78.3	79.6	79.8	80.9	82.6	83.0	83.7	84.1	84.8	85.1	
GE 2500	1	56.5	67.1	70.0	71.8	78.1	78.8	80.5	81.8	82.0	83.1	84.8	85.3	85.9	86.3	87.1	87.3	
GE 2000	1	57.2	68.4	71.6	73.5	80.2	81.2	83.1	84.4	84.6	85.7	87.4	87.8	88.5	88.9	89.7	89.9	
GE 1800	1	57.2	68.4	71.6	73.5	80.3	81.3	83.3	84.6	84.8	85.9	87.6	88.1	88.7	89.1	89.9	90.1	
GE 1500	1	57.6	69.0	72.3	74.6	81.6	82.6	84.8	86.1	86.3	87.5	89.2	89.7	90.3	90.8	91.5	91.7	
GE 1200	1	58.2	69.8	73.0	75.4	82.6	83.5	85.8	87.1	87.3	88.5	90.3	90.8	91.4	91.8	92.6	92.8	
GE 1000	1	59.2	69.8	73.4	75.8	83.0	84.0	86.6	88.0	88.2	89.5	91.7	92.3	93.1	93.5	94.3	94.5	
GE 900	1	58.2	69.9	73.5	75.9	83.2	84.4	87.0	88.5	88.7	90.2	92.5	93.0	93.9	94.3	95.1	95.3	
GE 800	1	58.2	69.9	73.5	75.9	83.2	84.4	87.0	88.5	88.7	90.2	92.5	93.0	93.9	94.3	95.1	95.3	
GE 700	1	58.2	69.9	73.5	75.9	83.2	84.5	87.5	89.0	89.5	91.0	93.2	93.8	94.6	95.2	95.9	96.1	
GE 600	1	58.2	69.9	73.5	75.9	83.2	84.6	87.7	89.4	89.8	91.3	93.5	94.1	95.1	95.6	96.3	96.6	
GE 500	1	58.2	70.0	73.7	76.0	83.4	84.9	88.2	89.9	90.3	92.2	94.4	94.9	95.9	96.5	97.2	97.4	
GE 400	1	58.2	70.0	73.8	76.1	83.7	85.2	88.4	90.2	90.6	92.6	94.8	95.4	96.3	96.9	97.6	97.8	
GE 300	1	58.2	70.0	73.8	76.1	83.7	85.2	88.4	90.2	90.6	92.6	94.8	95.3	95.8	97.2	97.7	98.6	
GE 200	1	58.2	70.0	73.8	76.1	83.8	85.3	88.5	90.6	91.1	93.3	95.7	96.2	97.6	98.3	99.1	99.4	
GE 100	1	58.2	70.0	73.8	76.1	83.8	85.3	88.5	90.6	91.1	93.4	96.0	96.6	98.0	98.6	99.5	99.8	
GE 0	1	59.2	70.0	73.8	76.1	83.8	85.3	88.5	90.6	91.1	93.4	96.0	96.7	98.1	98.8	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: ELLSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	29.0	34.2	35.2	35.9	38.8	39.1	40.3	41.5	41.7	42.4	43.7	44.0	45.5	45.9	46.4	46.8		
GE 20000	30.5	35.9	37.0	37.7	40.6	41.0	42.2	43.4	43.7	44.4	45.6	45.9	47.5	47.8	48.4	48.7		
GE 18000	33.1	38.8	39.9	40.6	43.6	44.0	45.2	46.5	46.7	47.4	48.6	49.0	50.5	50.8	51.4	51.8		
GE 16000	33.9	39.6	40.7	41.5	44.4	44.9	46.0	47.3	47.6	48.3	49.5	49.8	51.4	51.7	52.3	52.6		
GE 14000	34.9	40.7	41.8	42.6	45.5	45.9	47.1	48.4	48.7	49.4	50.6	50.9	52.5	52.8	53.4	53.7		
GE 12000	37.4	43.3	44.4	45.1	48.1	48.5	49.7	51.0	51.3	52.0	53.2	53.5	55.1	55.4	56.0	56.4		
GE 10000	42.2	48.4	49.7	50.5	53.5	53.9	55.1	56.5	56.7	57.4	58.7	59.0	60.5	60.9	61.5	61.8		
GE 9500	43.1	49.5	50.8	51.6	54.6	55.0	56.3	57.6	57.9	58.6	59.8	60.1	61.7	62.0	62.6	63.0		
GE 8000	50.1	57.1	58.4	59.3	62.4	62.8	64.1	65.4	65.7	66.4	67.6	67.9	69.5	69.9	70.6	70.9		
GE 7000	53.4	61.0	62.4	63.3	66.5	67.0	68.2	69.6	69.8	70.6	71.8	72.1	73.7	74.1	74.8	75.2		
GE 6000	54.2	61.7	63.2	64.1	67.4	67.8	69.1	70.4	70.7	71.5	72.7	73.0	74.6	75.0	75.7	76.1		
GE 5000	55.5	63.6	65.2	66.1	69.6	70.0	71.3	72.7	73.0	73.7	75.0	75.3	76.9	77.3	78.1	78.4		
GE 4500	56.8	65.3	66.9	67.9	71.3	71.8	73.2	74.5	74.8	75.6	76.8	77.2	78.8	79.1	79.9	80.3		
GE 4000	57.6	66.4	68.2	69.2	72.9	73.3	74.8	76.1	76.4	77.2	78.4	78.8	80.4	80.8	81.5	81.9		
GE 3500	58.3	67.4	69.4	70.5	74.4	74.8	76.4	77.7	78.0	78.8	80.1	80.4	82.0	82.4	83.1	83.5		
GE 3000	59.2	68.8	71.2	72.5	76.8	77.2	78.8	80.2	80.4	81.2	82.5	82.8	84.4	84.8	85.6	86.0		
GE 2500	59.8	69.9	72.5	73.9	78.7	79.2	80.8	82.2	82.5	83.3	84.6	84.9	86.5	86.9	87.6	88.0		
GE 2000	60.5	71.1	73.8	75.5	80.7	81.3	83.1	84.6	85.0	85.9	87.2	87.5	89.2	89.5	90.3	90.7		
GE 1800	60.6	71.2	73.9	75.6	80.9	81.4	83.4	85.0	85.3	86.3	87.6	87.9	89.5	89.9	90.6	91.0		
GE 1500	60.8	71.6	74.4	76.3	81.7	82.3	84.4	86.2	86.7	87.7	89.0	89.4	91.0	91.4	92.1	92.5		
GE 1200	61.1	72.0	74.8	76.7	82.4	83.0	85.2	87.0	87.5	88.6	90.0	90.3	91.9	92.3	93.1	93.5		
GE 1000	61.3	72.2	75.2	77.1	83.0	83.7	86.2	88.1	88.7	89.9	91.7	92.1	93.7	94.1	94.9	95.3		
GE 900	61.4	72.4	75.3	77.3	83.1	83.9	86.5	88.4	89.1	90.3	92.2	92.6	94.3	94.7	95.5	95.9		
GE 800	61.4	72.4	75.3	77.3	83.2	84.0	86.5	88.5	89.2	90.4	92.4	92.8	94.5	94.9	95.6	96.0		
GE 700	61.4	72.5	75.4	77.4	83.3	84.1	86.8	88.8	89.5	90.8	92.9	93.3	95.1	95.5	96.3	96.7		
GE 600	61.5	72.6	75.5	77.5	83.5	84.4	87.1	89.1	89.8	91.1	93.2	93.6	95.5	95.9	96.7	97.1		
GE 500	61.5	72.7	75.7	77.7	83.7	84.6	87.4	89.6	90.3	91.8	94.0	94.5	96.4	96.9	97.7	98.1		
GE 400	61.6	72.7	75.7	77.7	83.8	84.7	87.6	89.8	90.5	92.0	94.3	94.8	96.7	97.3	98.1	98.5		
GE 300	61.6	72.7	75.7	77.8	83.9	84.8	87.7	89.9	90.6	92.3	94.7	95.3	97.4	97.9	98.8	99.2		
GE 200	61.6	72.7	75.7	77.8	83.9	84.9	87.9	90.1	90.9	92.6	95.1	95.6	97.8	98.4	99.3	99.8		
GE 100	61.6	72.7	75.7	77.8	83.9	84.9	87.9	90.1	90.9	92.7	95.2	95.7	97.9	98.5	99.4	100.0		
GE 0	61.6	72.7	75.7	77.8	83.9	84.9	87.9	90.1	90.9	92.7	95.2	95.8	97.9	98.5	99.5	100.0		

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.1	41.2	41.5	41.6	42.2	42.3	42.5	42.7	42.8	42.9	43.2	43.3	43.6	43.8	43.9	44.1	
GE 20000	44.0	46.2	46.5	46.7	47.2	47.3	47.5	47.8	47.8	48.0	48.3	48.3	48.7	48.8	49.0	49.1	
GE 18000	46.8	49.2	49.5	49.7	50.2	50.3	50.6	50.8	50.8	51.0	51.3	51.4	51.7	51.9	52.1	52.2	
GE 16000	47.5	49.9	50.2	50.4	51.0	51.1	51.3	51.6	51.6	51.8	52.1	52.1	52.5	52.6	52.8	53.0	
GE 14000	48.5	51.0	51.3	51.5	52.1	52.1	52.4	52.6	52.7	52.8	53.1	53.2	53.6	53.7	53.9	54.0	
GE 12000	51.7	54.3	54.5	54.7	55.3	55.4	55.7	55.9	55.9	56.1	56.4	56.5	56.9	57.0	57.2	57.3	
GE 10000	56.4	59.2	59.6	59.8	60.4	60.5	60.7	61.0	61.0	61.2	61.5	61.6	62.0	62.1	62.3	62.4	
GE 9000	58.0	60.9	61.3	61.5	62.1	62.2	62.4	62.7	62.7	62.9	63.2	63.3	63.7	63.8	64.0	64.1	
GE 8000	65.3	68.6	69.0	69.3	70.0	70.1	70.3	70.6	70.6	70.8	71.1	71.2	71.6	71.7	71.9	72.0	
GE 7000	68.5	72.2	72.7	72.9	73.7	73.8	74.1	74.3	74.4	74.6	74.9	74.9	75.3	75.5	75.7	75.8	
GE 6000	69.6	73.5	73.9	74.2	75.0	75.1	75.3	75.6	75.7	75.9	76.2	76.2	76.6	76.7	77.0	77.1	
GE 5000	72.0	76.2	76.7	77.0	77.8	77.9	78.2	78.5	78.5	78.8	79.0	79.1	79.5	79.6	79.9	80.0	
GE 4500	74.0	78.4	79.0	79.3	80.3	80.4	80.7	81.0	81.0	81.2	81.5	81.6	82.0	82.1	82.3	82.5	
GE 4000	75.4	80.6	81.3	81.7	82.7	82.8	83.2	83.4	83.5	83.7	84.0	84.1	84.5	84.6	84.9	85.0	
GE 3500	77.1	82.2	82.9	83.4	84.5	84.6	84.9	85.2	85.3	85.5	85.8	85.9	86.3	86.4	86.6	86.8	
GE 3000	78.6	84.2	85.1	85.6	86.9	87.0	87.4	87.7	87.8	88.0	88.3	88.4	88.8	88.9	89.1	89.3	
GE 2500	79.2	85.2	86.2	86.7	88.2	88.4	88.8	89.1	89.2	89.4	89.7	89.8	90.2	90.3	90.5	90.7	
GE 2000	79.8	86.2	87.2	87.9	89.5	89.7	90.3	90.6	90.7	91.0	91.3	91.4	91.8	91.9	92.2	92.3	
GE 1800	79.9	86.4	87.5	88.2	89.8	90.0	90.6	91.0	91.1	91.4	91.7	91.7	92.1	92.3	92.5	92.6	
GE 1500	80.4	87.2	88.4	89.2	91.0	91.3	92.0	92.4	92.6	92.9	93.3	93.3	93.7	93.9	94.1	94.2	
GE 1200	80.7	87.7	89.0	89.8	91.7	92.1	92.8	93.3	93.4	93.8	94.2	94.2	94.7	94.8	95.0	95.1	
GE 1000	80.9	88.2	89.6	90.5	92.6	92.9	93.8	94.4	94.5	95.0	95.4	95.5	95.9	96.1	96.3	96.4	
GE 900	81.0	88.4	89.8	90.7	92.9	93.2	94.2	94.7	94.9	95.3	95.8	95.9	96.4	96.5	96.7	96.9	
GE 800	81.1	88.5	90.0	90.9	93.1	93.5	94.4	95.0	95.2	95.6	96.1	96.2	96.7	96.8	97.0	97.2	
GE 700	81.2	88.7	90.2	91.2	93.4	93.8	94.8	95.4	95.5	96.0	96.6	96.7	97.1	97.3	97.5	97.7	
GE 600	81.3	89.0	90.5	91.5	93.8	94.2	95.2	95.8	96.0	96.5	97.0	97.1	97.6	97.8	98.0	98.2	
GE 500	81.3	89.1	90.7	91.7	94.1	94.6	95.7	96.3	96.5	97.0	97.6	97.7	98.2	98.4	98.7	98.8	
GE 400	81.3	89.2	90.9	91.9	94.4	94.8	96.0	96.6	96.8	97.4	98.0	98.1	98.6	98.8	99.1	99.3	
GE 300	81.3	89.3	90.9	92.0	94.5	95.0	96.1	96.8	97.0	97.6	98.3	98.4	98.9	99.1	99.4	99.6	
GE 200	81.4	89.3	90.9	92.0	94.6	95.0	96.2	96.9	97.1	97.7	98.4	98.5	99.1	99.3	99.7	99.9	
GE 100	81.4	89.3	90.9	92.0	94.6	95.0	96.2	96.9	97.1	97.7	98.4	98.5	99.2	99.4	99.7	100.0	
GE 0	81.4	89.3	90.9	92.0	94.6	95.0	96.2	96.9	97.1	97.7	98.4	98.6	99.2	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 87636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.6			32.7						19.1	35.6	6.3	887
03-05	11.1			29.3						18.6	41.0	6.7	885
06-08	10.2			28.0						20.2	41.5	6.8	881
09-11	3.7			30.9						32.9	32.5	7.1	890
12-14	3.4			26.8						36.0	33.8	7.4	900
15-17	2.5			29.8						34.8	32.8	7.3	905
18-20	4.7			34.7						25.3	35.3	6.9	900
21-23	8.7			34.7						22.4	34.2	6.5	894
TOTALS	7.1			30.9						26.2	35.8	6.9	7142

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	20.8			29.4						16.3	33.5	5.7	833
03-05	19.8			28.9						15.4	35.9	5.8	824
06-08	15.1			32.4						19.0	33.5	6.0	821
09-11	8.3			28.3						34.0	29.4	6.8	830
12-14	10.7			27.0						33.5	28.7	6.7	832
15-17	12.6			30.2						30.7	26.4	6.3	840
18-20	12.3			34.4						26.8	26.5	6.1	839
21-23	20.4			30.5						19.2	30.0	5.6	834
TOTALS	15.0			30.1						24.4	30.5	6.1	6653

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.9			32.1						18.3	22.6	4.9	928
03-05	28.5			30.9						17.7	23.0	4.8	927
06-08	11.0			35.7						30.9	22.4	6.1	926
09-11	8.5			35.1						32.8	23.6	6.4	929
12-14	7.8			36.3						34.2	21.6	6.3	930
15-17	6.2			36.9						33.9	23.0	6.5	930
18-20	6.8			37.4						33.3	22.6	6.4	929
21-23	19.7			36.7						19.7	23.9	5.3	929
TOTALS	14.4			35.1						27.6	22.8	5.8	7428

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	17.0			39.2						20.8	23.0	5.3	899
03-05	12.1			37.4						26.3	24.2	5.9	899
06-08	7.4			32.2						32.1	28.2	6.7	900
09-11	9.2			27.2						34.7	28.9	6.8	900
12-14	5.8			27.9						38.1	28.2	7.1	900
15-17	4.6			23.8						42.4	29.2	7.5	900
18-20	4.1			26.5						41.3	28.1	7.3	899
21-23	4.9			38.8						29.6	26.8	6.5	900
TOTALS	8.1			31.6						33.2	27.1	6.6	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	.9			41.4						37.8	19.9	6.6
03-05	1.5			32.9						44.1	21.5	7.1
06-08	1.3			30.2						42.2	26.3	7.3
09-11	1.1			30.9						43.4	24.7	7.3
12-14	.1			25.4						48.2	26.3	7.7
15-17	.1			21.2						51.8	26.9	8.0
18-20	.3			23.3						52.2	24.2	7.8
21-23	.2			32.9						46.6	20.3	7.2
TOTALS	.7			29.8						45.8	23.8	7.4

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	.7			25.8						44.9	28.7	7.7
03-05	1.6			24.2						45.9	28.3	7.7
06-08	1.2			24.8						45.8	30.2	7.8
09-11	.4			23.1						43.9	32.6	7.9
12-14				19.6						47.6	32.9	8.2
15-17				15.4						50.3	34.2	8.4
18-20				17.7						51.1	31.2	8.3
21-23	.3			19.5						51.9	28.3	8.1
TOTALS	.5			21.0						47.7	30.8	8.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	.1			24.4						46.3	29.1	7.8	930
03-05	.3			24.0						43.9	31.8	7.9	930
06-08	.5			20.6						44.6	34.3	8.1	929
09-11	.1			21.1						48.1	30.8	8.0	930
12-14				19.1						51.8	29.0	8.1	930
15-17				16.5						53.5	30.0	8.3	927
18-20				17.2						53.0	29.9	8.3	927
21-23				20.3						49.7	30.0	8.1	927
TOTALS	.1			20.4						48.9	30.6	8.1	7430

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	2.4			25.7						37.5	34.4	7.6	930
03-05	1.1			25.1						37.9	36.0	7.8	929
06-08	.1			22.0						43.3	34.7	8.0	929
09-11	.3			18.4						46.0	35.3	8.2	930
12-14				20.2						45.9	33.9	8.1	930
15-17				19.8						51.5	28.7	8.1	930
18-20	.1			21.5						51.8	26.6	8.0	930
21-23	.4			22.8						46.1	30.6	7.9	930
TOTALS	.6			21.9						45.0	32.5	8.0	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	8.7			23.4						21.0	46.9	7.3	899
03-05	6.1			22.0						23.8	48.1	7.6	899
06-08	1.0			16.9						39.7	42.4	8.3	897
09-11	.2			20.7						40.0	39.1	8.1	898
12-14	.1			17.8						44.7	37.4	8.3	900
15-17	.2			16.2						42.7	38.9	8.3	900
18-20	1.2			19.3						39.4	40.0	8.1	900
21-23	4.7			20.9						31.5	42.9	7.6	898
TOTALS	2.8			19.9						35.4	42.0	8.0	7191

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	8.0			21.1						18.4	52.6	7.5	930
03-05	7.0			20.1						18.0	54.9	7.7	929
06-08	3.2			16.9						27.4	50.5	8.1	927
09-11	1.2			16.1						36.9	45.8	8.4	926
12-14	.6			16.2						37.4	43.8	8.3	930
15-17	.6			17.8						36.0	45.5	8.3	930
18-20	2.5			16.3						30.1	49.1	8.2	930
21-23	6.0			21.5						19.7	52.8	7.7	927
TOTALS	3.6			19.0						28.0	49.4	8.0	7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	11.2			30.1						21.9	36.7	6.6	898
03-05	11.6			30.2						19.5	38.6	6.5	896
06-08	8.0			31.0						23.3	37.7	6.8	900
09-11	2.4			29.2						33.6	34.8	7.4	900
12-14	1.9			27.4						31.8	38.9	7.6	900
15-17	2.2			27.0						34.3	36.4	7.5	900
18-20	9.3			28.1						24.6	38.0	6.9	897
21-23	9.5			31.5						19.3	39.8	6.7	898
TOTALS	7.0			29.3						26.0	37.6	7.0	7189

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	10.7			29.4						19.8	40.1	6.7	895
03-05	11.4			27.7						20.4	40.4	6.7	901
06-08	9.5			31.9						21.6	37.0	6.6	903
09-11	5.2			27.6						33.6	33.6	7.2	899
12-14	5.2			22.7						38.2	33.9	7.5	908
15-17	5.2			24.8						33.1	36.9	7.4	916
18-20	7.3			27.1						25.8	39.8	7.1	904
21-23	8.5			27.4						23.9	40.2	7.0	904
TOTALS	7.9			27.3						27.1	37.7	7.0	7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS
	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	7.1			30.9						26.2	35.8	6.9 7142
FEB		15.0			30.1						24.4	30.5	6.1 6653
MAR		14.4			35.1						27.6	22.8	5.8 7428
APR		8.1			31.6						33.2	27.1	6.6 7197
MAY		.7			29.8						45.8	23.8	7.4 7436
JUN		.5			21.0						47.7	30.8	8.0 7198
JUL		.1			20.4						48.9	30.6	8.1 7430
AUG		.6			21.9						45.0	32.5	8.0 7438
SEP		2.8			19.9						35.4	42.0	8.0 7191
OCT		3.6			19.0						28.0	49.4	8.0 7429
NOV		7.0			29.3						26.0	37.6	7.0 7189
DEC		7.9			27.3						27.1	37.7	7.0 7230
TOTALS		5.7			26.4						34.6	33.4	7.2 86961

PPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

EEEEEEEE
EEEEEEEE
EE
EE
EEEE
EEEE
EE
EE
EEEEEEEE
EEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702650

STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90					.1	.6	.2						.1
GE 85					.2	2.3	2.4						.4
GE 80					.7	8.5	12.3	4.2	.2				2.1
GE 75					2.2	21.4	30.1	14.2	.5				5.7
GE 70				.2	7.7	41.1	54.7	29.9	3.7				11.4
GE 65				1.2	21.4	66.0	76.6	52.7	12.2	.1			19.1
GE 60				2.8	43.5	84.6	91.1	75.9	30.1	.9			27.2
GE 55				7.2	67.1	95.4	98.9	90.2	51.0	2.8			34.2
GE 50		.1	.4	16.7	82.9	99.6	99.9	97.5	69.8	7.3	.1		39.3
GE 45	.5	.6	4.1	33.7	91.9	99.9	100.0	99.8	81.7	14.6	1.7	.4	43.8
GE 40	2.5	3.5	13.1	52.3	97.2	100.0		100.0	90.7	26.1	4.4	2.0	49.1
GE 35	4.6	7.1	24.2	68.7	98.5				98.0	41.1	7.0	3.9	54.2
GE 30	7.1	11.0	35.9	81.3	99.4				99.6	57.9	11.4	6.0	58.9
GE 25	10.5	17.4	47.9	90.1	99.6				99.9	73.9	17.8	9.4	63.7
GE 20	14.6	24.7	60.7	95.4	99.8				100.0	84.3	28.0	14.1	68.3
GE 15	20.7	33.1	71.3	98.1	100.0					91.6	41.0	19.7	72.8
GE 10	29.2	42.4	80.7	99.3						95.8	55.7	27.6	77.4
GE 5	38.2	52.9	87.7	99.8						98.0	67.4	38.9	81.8
GE 0	50.1	64.0	93.2	100.0						99.1	76.5	50.9	86.1
GE -5	59.8	73.1	96.9							99.8	83.8	60.2	89.4
GE -10	66.7	80.1	98.2							99.8	88.2	70.0	91.8
GE -15	73.5	87.4	99.5							99.9	93.0	76.5	94.1
GE -20	78.3	92.7	99.9							100.0	96.6	81.8	95.7
GE -25	83.2	96.5	100.0								98.8	85.4	97.0
GE -30	87.6	98.5									99.7	90.2	97.9
GE -35	91.9	99.4									99.9	93.5	98.7
GE -40	94.8	99.9									100.0	96.4	99.2
GE -45	98.2	100.0										98.4	99.7
GE -50	99.5											99.6	99.9
GE -55	99.9											99.8	100.0
GE -60	100.0											100.0	100.0
MEAN	-2.4	6.2	22.7	39.3	57.6	67.9	70.3	65.3	53.9	31.7	10.5	-1.7	35.1
SU	21.519	18.076	14.448	11.148	9.214	8.122	7.615	8.089	9.506	12.297	16.096	20.150	10.013
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702650

STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 60						1.1	1.7	.3					.3
GE 55					.4	9.5	19.9	5.1		.1			2.9
GE 50					2.2	36.1	65.6	29.6	1.0	.2			11.2
GE 45				.2	11.7	72.8	91.7	63.0	9.0	.4			20.6
GE 40				.7	33.3	93.0	98.7	94.6	26.4	.8	.2		27.9
GE 35	.1		.5	3.4	63.7	99.4	100.0	95.7	51.0	3.1	.2		34.5
GE 30	.3	.2	.6	7.5	74.7	99.7		97.3	62.7	6.4	.4		37.2
GE 25	.6	.4	1.6	19.3	88.4	100.0		99.4	78.8	14.2	1.0	.2	41.7
GE 20	1.2	.8	4.3	37.4	96.2			100.0	93.7	32.8	2.2	.6	47.1
GE 15	2.5	3.0	8.7	54.9	98.0				98.0	50.4	5.7	2.0	51.6
GE 10	4.7	6.7	15.0	68.6	99.0				99.4	62.2	10.4	3.8	55.6
GE 5	8.2	11.0	21.7	78.3	99.4				99.8	73.1	19.8	6.9	59.6
GE 0	11.1	16.4	32.4	84.5	99.8				100.0	82.3	28.7	11.5	63.7
GE -5	17.7	22.4	44.9	89.6	99.9					88.1	40.0	17.6	68.2
GE -10	26.0	32.1	57.1	92.8	100.0					92.9	52.5	26.9	73.2
GE -15	35.5	42.2	69.2	96.4						95.8	65.2	38.0	78.4
GE -20	46.3	52.4	77.6	98.1						97.9	74.4	49.0	82.9
GE -25	55.8	61.4	83.4	99.8						99.5	80.3	60.5	86.6
GE -30	63.7	70.0	88.4	99.9						99.8	86.8	68.8	89.7
GE -35	68.7	77.2	93.1	100.0						99.8	92.5	76.2	92.2
GE -40	75.6	84.0	97.0							100.0	97.5	82.8	94.7
GE -45	83.4	91.1	99.0								99.5	88.3	96.7
GE -50	89.7	96.0	99.5								100.0	94.2	98.3
GE -55	94.9	98.7	100.0									97.8	99.3
GE -60	98.5	99.6										99.4	99.8
GE -65	99.8	100.0										99.9	100.0
GE -70	100.0											100.0	100.0
MEAN	-18.9	-14.8	-3.4	18.1	36.6	47.6	50.8	45.8	34.8	16.7	-5.3	-16.8	15.9
SU	19.684	18.534	16.668	12.882	6.980	5.296	4.325	6.047	7.015	13.135	15.796	17.731	28.953
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 772650

STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75						.4	.2						.0
GE 70					.2	3.0	3.6						.6
GE 65					.8	13.5	22.9	6.8					3.7
GE 60					3.1	39.3	61.9	26.6	1.3	.1			11.0
GE 55				.2	14.8	71.3	89.1	58.9	6.7	.3			20.0
GE 50				1.3	40.3	93.4	98.7	85.7	23.7	.6			48.5
GE 45				4.7	68.7	99.2	99.9	96.4	54.4	2.4	.2		35.3
GE 40	.2	.1	.5	16.3	87.9	99.9	100.0	99.4	76.9	7.5	.6		40.5
GE 35	.8	.5	2.9	34.2	95.9	100.0		100.0	99.3	20.6	1.6	.4	45.2
GE 30	1.6	2.2	8.8	55.4	98.1				97.8	37.9	3.7	1.2	50.3
GE 25	3.8	5.7	17.1	70.7	98.9				99.5	54.7	8.0	2.8	54.8
GE 20	7.3	11.0	26.9	79.9	99.5				99.9	68.8	13.0	5.9	59.1
GE 15	11.1	15.9	40.8	87.9	99.7				100.0	80.6	23.5	10.2	63.9
GE 10	15.5	23.3	54.5	93.2	100.0					88.2	34.7	15.7	68.6
GE 5	22.6	32.6	66.2	96.6						92.8	49.1	22.8	73.4
GE 0	31.3	42.2	75.0	98.8						96.2	59.6	31.5	77.8
GE -5	41.8	52.4	82.9	99.6						98.6	71.2	43.0	82.3
GE -10	53.2	62.6	89.7	100.0						99.6	79.0	55.1	86.5
GE -15	61.9	71.2	93.9							99.8	85.5	65.7	89.8
GE -20	68.4	79.5	97.2							99.8	90.3	72.2	92.2
GE -25	74.5	85.8	99.0							99.9	95.3	79.9	94.5
GE -30	80.5	92.2	99.7								98.4	84.3	96.2
GE -35	86.0	96.4	100.0							100.0	99.7	89.8	97.6
GE -40	91.2	98.6									100.0	93.9	98.6
GE -45	95.3	99.6										96.9	99.3
GE -50	98.2	100.0										99.0	99.8
GE -55	99.6											99.7	99.9
GE -60	100.0											100.0	100.0
MEAN	-10.8	-4.4	9.7	28.9	47.3	58.0	60.8	55.8	44.6	24.4	2.6	-9.4	25.6
SD	20.313	17.964	14.859	11.294	7.424	5.873	4.972	5.881	7.209	12.121	15.762	18.629	29.307
TOTAL OBS	1302	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44											*22	43	
45	47	49	44	51	74	*68				55	37	11	
46													
47	27	43	48	57	92	84	86	75	63	52	48	31	92
48	41	37	37	43	71	91	83	78	67	50	49	19	91
49	26	25	49	52	73	73	84	*82	72	46	48	18	84
50	32	18	42	55	71	85	84	85	69	63	30	28	85
51	10	37	46	60	76	83	89	84	73	46	49	27	89
52	20	39	42	52	65	83	84	78	69	61	49	40	84
53	25	41	40	68	76	84	89	80	65	60	31	19	89
54	25	42	45	51	73	84	82	83	70	54	45	28	84
55	42	22	45	51	68	76	92	77	64	50	15	30	92
56	14	23	44	60	68	78	85	77	69	37	46	11	85
57	33	44	48	54	72	87	85	82	82	54	38	24	87
58	37	26	43	68	83	68	92	80	65	42	39	18	92
59	15	31	42	53	73	82	81	83	65	48	37	29	83
60	38	32	44	70	88	78	87	84	67	47	42	44	88
61	48	20	48	62	72	78	84	74	74	56	42	22	84
62	41	34	48	50	66	80	82	85	61	52	43	25	85
63	33	42	43	56	81	72	82	81	79	59	16	40	82
64	12	40	34	45	79	77	79	77	68	55	48	8	79
65	43	20	50	56	72	79	80	75	80	46	35	27	80
66	26	25	45	56	61	80	80	81	69	57	25	27	81
67	18	33	40	62	69	88	86	81	72	48	44	44	88
68	33	45	43	51	70	78	85	82	66	49	31	36	85
69	9	40	47	62	76	93	74	71	70	68	41	45	93
70	40	46	51	60	72	74	85	76	64	52	48	39	85
71	39	28	37	55	68	91	80	74	67	55	33	32	91
72	28	16	40	44	72	90	84	78	74	58	31	33	90
73	37	37	48	65	73	78	84	82	75	46	23	42	84

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
74	17	13	46	59	77	79	80	82	70	40	33	6	82
75	30	41	44	53	76	81	89	77	70	55	31	40	89
76	37	41	40	70	71	60	88	88	65	54	50	40	88
77	40	45	41	55	76	79	88	86	66	56	13	23	88
78	31	44	41	60	67	70	84	79	71	46	31	28	84
79	26	8	43	74	72	78	82	82	74	63	46	28	82
80	46	50	47	58	77	80	82	84	64	53	27	42	84
81	49	44	52	61	77	78	77	80	70	48	46	41	80
82	7	34	46	54	70	85	84	76	70	40	38	43	85
83	21	26	37	61	84	92	85	73	63	44	43	23	92
84	43	9	48	62	71	82	81	75	65	51	33	35	82
85	41	35	41	48	77	82	81	77	67	53	33	48	82
86	22	43	40	55	71	82	86	79	74	52	34	40	86
87	41	46	51	65	71	90	84						
MEAN	37.7	33.7	44.1	57.3	73.6	81.8	83.9	79.5	69.2	51.7	37.1	30.2	85.9
S.D.	11.627	11.248	4.230	6.976	5.914	5.576	3.696	3.966	4.789	6.671	9.787	11.656	3.866
TOTAL OBS	1702	1146	1302	1260	1302	1237	1271	1239	1200	1271	1250	1302	15122

NOTES * BASED ON LESS THAN FULL MONTHS
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44											*-32	-48	
45	-29	-48	-24	-19	-4	*37							
46										3	-32	-60	
47	-62	-60	-29	-11	21	31	38	29	16	-10	-18	-28	-62
48	-35	-38	-34	-19	14	41	41	27	19	-4	-41	-45	-45
49	-46	-46	-11	-19	9	35	38	*36	23	4	-20	-50	-50
50	-36	-56	-17	-26	30	34	43	34	27	-13	-43	-33	-56
51	-55	-43	-41	4	30	37	43	39	24	-6	-26	-44	-55
52	-56	-35	-36	-15	14	37	45	28	20	3	-16	-26	-56
53	-52	-50	-29	4	31	44	42	36	25	-19	-16	-28	-52
54	-47	-45	-25	-5	26	36	41	35	19	12	-10	-53	-53
55	-37	-46	-41	-17	28	34	44	30	20	-11	-32	-47	-47
56	-51	-52	-50	-9	32	38	42	39	12	-19	-40	-48	-52
57	-49	-49	-19	5	26	38	39	39	17	-4	-14	-43	-49
58	-33	-30	-18	11	23	39	40	34	21	-21	-34	-46	-46
59	-48	-22	-40	-15	24	38	37	33	26	-13	-25	-30	-48
60	-49	-26	-29	-20	27	32	39	36	18	0	-36	-27	-49
61	-31	-27	-36	-8	25	34	41	32	26	-14	-38	-61	-61
62	-51	-34	-35	9	12	37	39	29	26	7	-32	-41	-51
63	-51	-41	-30	-16	28	32	41	32	22	-9	-44	-27	-51
64	-42	-40	-49	-19	4	39	41	35	25	-8	-38	-56	-56
65	-54	-48	-23	5	11	35	38	30	20	-16	-25	-47	-54
66	-49	-42	-39	-4	26	38	39	33	23	-16	-34	-50	-50
67	-44	-39	-33	5	24	39	44	37	26	-5	-35	-41	-44
68	-46	-57	-20	-1	28	40	45	32	19	-11	-28	-50	-57
69	-57	-48	-30	?	31	37	39	29	20	0	-40	-21	-57
70	-40	-28	-26	3	25	36	43	37	20	-17	-33	-48	-48
71	-64	-44	-49	-14	24	36	36	36	26	2	-38	-43	-64
72	-51	-45	-41	-21	25	36	44	39	13	-3	-20	-37	-51
73	-54	-39	-21	16	29	38	42	34	24	-6	-35	-31	-54

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 44-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
74	-49	-49	-41	2	23	36	40	25	14	-10	-37	-53	-53
75	-60	-47	-22	-11	27	40	38	31	24	-35	-35	-53	-60
76	-41	-44	-15	4	31	40	40	37	25	-19	-18	-21	-44
77	-17	-9	-21	-2	28	41	43	32	29	-6	-30	-52	-52
78	-32	-25	-13	-10	30	37	44	35	28	-3	-19	-24	-32
79	-29	-45	-25	-7	32	38	45	41	25	6	-7	-36	-45
80	-54	-11	-20	13	30	38	43	35	22	11	-11	-46	-54
81	-9	-33	-1	0	29	40	38	31	23	8	-14	-42	-42
82	-46	-39	-22	-16	28	36	47	36	30	-16	-35	-29	-46
83	-52	-31	-18	4	28	39	47	39	5	0	-13	-34	-52
84	-47	-49	-12	2	20	37	41	31	27	-15	-33	-42	-49
85	-11	-54	-30	-20	25	39	45	37	25	-23	-29	-28	-54
86	-26	-32	-35	-23	30	40	45	28	24	-10	-37	-27	-37
87	-37	-22	-33	13	30	38	44						
MLAN	-43.5	-39.7	-28.2	-5.8	24.2	37.3	41.6	33.6	22.0	-7.5	-28.3	-40.4	-51.0
S.O.	12.782	11.692	11.113	11.543	7.745	2.631	2.811	3.903	5.069	10.164	10.272	11.041	6.462
TOTAL OBS	1702	1186	1302	1260	1302	1237	1271	1239	1200	1271	1250	1307	15122

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87

HOURLS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	-3.4	-4.7	10.8	25.1	43.0	52.5	56.2	51.5	40.9	23.7	3.7	-5.6	24.6
	SD	20.303	20.889	14.594	11.937	6.676	6.023	4.873	6.193	7.030	12.544	15.203	20.611	26.463
	TOT OBS	930	845	930	899	930	900	930	930	900	930	900	930	10954
03-05	MEAN	-3.4	-5.7	7.8	21.9	39.3	49.2	53.1	48.8	39.0	22.6	3.0	-5.8	22.6
	SD	20.289	21.557	14.975	12.837	6.228	5.475	4.386	6.094	6.981	12.856	15.164	20.618	25.666
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
06-08	MEAN	-3.5	-6.5	6.0	22.0	43.1	53.1	55.9	49.8	38.4	21.9	3.0	-6.1	23.3
	SD	20.109	22.214	15.191	13.814	6.998	5.843	4.554	6.293	7.044	13.049	15.156	20.675	26.890
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
09-11	MEAN	-3.9	-5.5	11.5	29.6	51.3	59.2	62.0	56.4	43.8	23.8	3.6	-6.1	27.3
	SD	19.793	21.677	14.641	13.192	7.706	7.477	5.984	7.431	7.642	13.301	15.177	20.367	29.070
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	-1.7	1.4	21.2	36.2	56.1	63.5	66.8	61.9	50.2	28.8	7.1	-5.0	32.4
	SD	19.297	19.533	12.739	12.425	7.931	8.517	7.040	8.362	8.632	12.950	14.104	19.843	29.354
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	-1.6	4.5	25.3	38.8	57.5	65.3	68.4	64.3	52.4	30.1	7.8	-4.3	34.3
	SD	19.099	18.708	11.969	11.862	7.957	8.432	7.484	8.676	9.177	12.359	13.888	19.953	29.401
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
18-20	MEAN	-1.9	-1.1	21.3	37.4	56.3	64.4	67.1	62.7	49.2	26.7	5.6	-4.8	32.2
	SD	19.823	19.449	12.705	11.670	7.986	8.204	7.387	8.442	8.715	12.338	14.652	20.248	29.784
	TOT OBS	929	846	929	899	930	900	927	930	900	930	900	930	10950
21-23	MEAN	-2.8	-3.2	14.9	31.2	50.6	59.7	62.2	56.0	43.6	24.3	4.3	-5.2	28.1
	SD	20.011	20.465	13.595	11.597	7.454	7.163	6.269	7.203	7.355	12.419	15.140	20.457	28.288
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
ALL HOURLS	MEAN	-2.6	-2.5	14.8	30.3	49.6	58.4	61.4	56.4	44.7	25.3	4.8	-5.4	28.1
	SD	19.836	20.652	13.320	13.970	9.896	9.211	8.187	9.340	9.307	13.024	14.915	20.339	28.458
	TOT OBS	7439	6767	7439	7198	7440	7200	7431	7440	7200	7440	7198	7440	87632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	-0.7	-2.5	0.9	22.0	37.3	47.4	51.7	47.8	37.8	21.7	2.9	-3.0	23.3
	SD	15.298	17.159	13.203	10.967	5.666	4.783	3.820	5.468	6.311	11.549	14.302	17.195	23.115
	TOT OBS	843	773	930	899	930	900	930	930	900	930	897	848	10710
03-05	MEAN	-0.3	-3.0	6.2	19.5	34.9	45.3	49.6	45.8	36.3	20.8	2.2	-2.9	21.9
	SD	15.023	17.403	13.672	11.991	5.505	4.834	3.895	5.628	6.428	11.953	14.446	17.080	22.616
	TOT OBS	836	763	930	900	930	900	930	930	900	929	898	842	10688
06-08	MEAN	-0.2	-3.3	4.6	19.5	37.5	47.8	51.5	46.6	35.8	20.1	2.3	-3.0	22.4
	SD	14.533	17.566	13.912	12.853	5.844	4.548	3.621	5.652	6.525	12.225	14.309	16.918	23.383
	TOT OPS	831	747	929	898	930	900	930	930	900	926	896	837	10654
09-11	MEAN	-0.7	-2.6	9.4	25.1	42.0	50.8	54.9	50.8	39.9	21.6	2.8	-2.9	25.1
	SD	14.272	17.342	13.154	11.433	5.682	4.753	3.608	5.416	6.625	12.274	14.315	16.482	24.315
	TOT OBS	833	755	930	899	930	900	929	930	900	929	897	832	10664
12-14	MEAN	0.7	1.3	17.5	29.5	44.2	52.2	56.6	53.2	43.6	25.6	6.1	-2.0	28.0
	SD	14.397	17.133	10.864	9.978	5.475	4.853	3.767	5.295	6.566	11.288	13.212	16.132	23.783
	TOT OBS	850	817	930	899	930	900	930	930	900	930	898	839	10753
15-17	MEAN	1.3	3.1	20.6	31.1	44.8	52.7	57.0	53.8	44.5	26.6	6.7	-1.8	28.9
	SD	14.676	16.962	9.942	9.271	5.243	4.623	3.687	5.205	6.574	10.616	13.089	16.647	23.593
	TOT OBS	858	838	930	900	930	900	927	930	900	930	900	852	10795
18-20	MEAN	0.1	-0.1	17.6	30.2	44.2	52.4	56.6	53.4	43.0	24.1	4.6	-2.0	27.6
	SD	15.293	17.200	10.867	9.296	5.350	4.583	3.717	5.322	6.683	11.059	13.837	16.761	24.183
	TOT OPS	856	816	929	899	930	900	927	930	900	930	900	847	10764
21-23	MEAN	-0.6	-1.5	12.5	26.4	41.7	51.0	55.0	50.7	39.7	22.1	3.5	-2.4	25.5
	SD	15.411	17.166	12.056	9.993	5.663	4.615	3.800	5.633	6.361	11.382	14.267	16.920	23.947
	TOT OBS	856	783	930	900	930	900	927	930	900	930	898	844	10728
ALL	MEAN	0.0	-1.0	12.2	25.4	40.8	49.9	54.1	50.3	40.1	22.8	3.9	-2.5	25.4
	SD	14.873	17.269	13.447	11.643	6.572	5.363	4.569	6.209	7.213	11.756	14.068	16.762	23.754
	TOT OBS	6763	6292	7438	7194	7440	7200	7430	7440	7200	7434	7184	6741	85756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
00-02	MEAN	-10.1	-11.9	-5	13.2	29.0	42.1	47.8	44.2	33.5	15.8	-5.0	-10.6	16.4
	SD	18.625	21.688	13.945	13.244	7.600	5.969	4.575	6.171	7.245	13.006	17.150	21.575	25.269
	TOT OBS	843	773	930	899	930	900	930	930	900	930	897	846	10710
03-05	MEAN	-9.8	-12.5	-2.9	11.8	28.0	41.0	46.3	42.7	32.3	15.0	-5.7	-10.5	15.4
	SD	18.378	22.255	14.783	14.242	7.211	5.922	4.570	6.331	7.372	13.515	17.558	21.542	25.088
	TOT OBS	836	763	930	900	930	900	930	930	900	929	898	842	10688
06-08	MEAN	-9.8	-12.8	-4.5	11.7	29.4	42.5	47.6	43.4	31.9	14.4	-5.7	-10.7	15.7
	SD	18.082	22.461	15.446	15.076	7.508	5.748	4.384	6.237	7.561	13.825	17.442	21.492	25.643
	TOT OPS	831	747	929	898	930	900	930	930	900	926	896	837	10654
09-11	MEAN	-10.0	-12.2	-3	14.4	30.0	42.7	49.0	45.7	34.8	15.5	-5.1	-10.6	17.0
	SD	17.992	22.001	13.800	13.468	7.547	6.275	4.350	5.868	7.562	13.883	17.139	21.094	25.670
	TOT OPS	833	755	930	899	930	900	929	930	900	929	897	832	10664
12-14	MEAN	-8.4	-8.7	5.9	15.9	29.1	41.6	48.4	45.4	35.8	18.4	-1.5	-9.6	18.3
	SD	16.871	20.248	11.635	11.801	7.593	6.736	4.893	6.032	7.434	12.293	15.198	20.356	24.166
	TOT OBS	850	817	930	899	930	900	930	930	900	930	898	839	10753
15-17	MEAN	-7.7	-7.1	7.7	16.3	28.9	40.8	47.8	44.6	35.3	19.1	-1.8	-9.3	18.5
	SD	16.645	19.539	11.045	11.052	7.507	6.785	5.297	6.066	7.394	11.564	14.958	20.721	23.544
	TOT OBS	858	838	930	900	930	900	927	930	900	930	900	852	10795
18-20	MEAN	-9.1	-9.8	5.9	16.3	29.0	40.9	48.0	45.2	35.6	17.7	-2.9	-9.5	17.9
	SD	17.897	20.813	11.841	11.096	7.803	6.865	5.227	6.247	7.542	12.263	15.998	20.769	24.389
	TOT OBS	856	816	929	899	930	900	927	930	900	930	900	847	10764
21-23	MEAN	-10.0	-11.0	2.5	15.8	30.0	42.8	49.1	45.8	34.7	16.0	-4.3	-9.8	17.5
	SD	18.663	21.310	12.928	11.986	8.031	6.363	4.940	6.279	7.373	12.861	16.932	21.059	25.293
	TOT OBS	856	783	930	900	930	900	927	930	900	930	898	844	10728
ALL	MEAN	-9.3	-10.7	1.7	14.4	29.2	41.8	48.0	44.6	34.3	16.5	-3.9	-10.1	17.1
	SD	17.896	21.263	13.769	12.947	7.623	6.389	4.859	6.243	7.561	13.016	16.566	21.069	24.913
	TOT OBS	6763	6292	7438	7154	7440	7200	7430	7440	7200	7434	7184	6741	85756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JAN	00-02	100.0	100.0	98.6	94.9	82.4	58.4	23.3	3.6	1.2	61.6	843
	03-05	100.0	100.0	98.9	95.0	82.5	56.3	21.4	4.2	.8	61.4	836
	06-08	100.0	99.9	99.0	95.4	81.9	55.5	21.7	2.6	.6	61.2	831
	09-11	100.0	100.0	99.3	95.4	82.2	57.3	21.5	3.5	.8	61.7	833
	12-14	100.0	100.0	99.3	94.5	84.0	60.8	24.7	3.5	.9	62.3	851
	15-17	100.0	100.0	99.1	94.5	84.4	61.9	26.1	5.1	1.2	62.9	858
	18-20	100.0	100.0	99.3	94.5	82.6	60.0	23.0	4.4	1.1	62.1	856
	21-23	100.0	100.0	98.9	95.3	82.8	57.4	21.5	3.4	.9	61.4	856
	TOTALS	100.0	100.0	99.1	94.9	82.9	58.5	22.9	3.8	.9	61.8	6763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS
FEB	00-02	100.0	100.0	99.6	96.9	80.5	53.2	21.0	5.4	.6	61.2	773
	03-05	100.0	100.0	99.7	95.7	79.9	52.0	21.2	3.9	.1	60.9	763
	06-08	100.0	100.0	99.6	96.3	79.5	52.3	18.9	5.0	.4	60.7	747
	09-11	100.0	100.0	99.9	95.4	78.9	52.1	20.3	3.7	.5	60.6	751
	12-14	100.0	100.0	98.8	93.9	75.6	44.6	19.2	4.3	1.0	59.5	817
	15-17	100.0	99.9	98.6	93.1	76.3	41.1	16.7	5.1	1.0	58.6	831
	18-20	100.0	100.0	99.6	95.0	77.9	46.9	21.7	6.3	.5	60.3	816
	21-23	100.0	100.0	100.0	95.3	79.1	51.2	22.0	5.6	.4	61.0	783
	TOTALS	100.0	100.0	99.5	95.2	78.5	49.2	20.1	4.9	.6	60.4	6292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAR	00-02	100.0	100.0	99.5	95.3	79.9	49.8	21.8	6.0	1.3	61.0	930
	03-05	100.0	100.0	99.1	95.6	83.2	53.5	26.2	4.8	1.5	62.2	930
	06-08	100.0	100.0	98.9	96.7	84.3	54.6	26.4	4.3	1.2	62.3	929
	09-11	100.0	100.0	99.0	94.4	79.2	44.8	17.3	3.5	1.1	59.7	930
	12-14	100.0	100.0	98.0	85.2	52.9	24.0	7.6	2.6	.6	52.6	930
	15-17	100.0	99.9	95.6	73.9	36.7	16.1	5.2	1.6	.4	48.5	930
	18-20	100.0	99.9	98.2	83.9	51.3	24.0	9.0	3.8	.6	52.6	929
	21-23	100.0	99.9	99.2	92.9	73.0	42.2	15.9	5.2	1.2	58.7	930
	TOTALS	100.0	100.0	98.4	89.7	67.6	38.6	16.2	4.0	1.0	57.2	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 732650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 74-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
APR	00-02	100.0	100.0	99.6	95.1	78.1	52.3	23.6	9.0	2.2	61.4	899	
	03-05	100.0	100.0	99.7	98.1	84.1	64.9	34.1	14.0	4.4	65.7	900	
	06-08	100.0	100.0	99.6	97.0	84.7	63.3	32.3	14.8	4.3	65.1	898	
	09-11	100.0	99.6	97.2	83.3	55.7	31.6	15.2	6.1	1.2	54.5	899	
	12-14	100.0	99.1	88.9	55.2	27.0	14.9	7.5	2.2	.2	45.1	899	
	15-17	100.0	98.9	81.9	43.4	19.0	10.1	4.9	1.9	.3	41.7	900	
	18-20	100.0	99.4	87.5	53.3	23.9	11.5	5.1	2.3	.3	43.9	899	
	21-23	100.0	100.0	98.7	83.8	55.6	27.4	12.2	4.6	.9	54.0	900	
	TOTALS	100.0	99.6	94.1	76.2	53.5	34.5	16.9	6.9	1.7	53.9	7194	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	98.8	90.1	70.3	44.6	22.8	9.8	1.3	59.4	930
	03-05	100.0	100.0	99.8	95.5	85.1	62.8	36.2	13.4	2.3	65.3	930
	06-08	100.0	100.0	98.7	90.4	72.8	47.6	23.0	8.3	.5	59.9	930
	09-11	100.0	99.6	87.5	58.9	32.6	16.6	5.8	1.3	.4	45.9	930
	12-14	100.0	96.6	65.7	31.7	15.2	6.9	2.9	1.0	.1	37.6	930
	15-17	100.0	93.5	54.5	29.5	12.0	6.3	3.3	1.2		35.6	930
	18-20	100.0	94.1	60.2	33.7	17.0	8.2	4.1	1.4		37.7	930
	21-23	100.0	99.5	88.6	60.8	36.2	19.9	9.8	3.4	.3	47.6	930
	TOTALS	100.0	97.9	81.7	61.3	42.7	26.6	13.5	5.0	.6	48.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 79-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUP	OBS
JUN	00-02	100.0	100.0	99.6	96.8	89.8	73.6	50.4	22.9	5.0	69.4	900	
	03-05	100.0	100.0	100.0	99.4	96.1	86.4	64.2	34.0	6.8	74.2	900	
	06-08	100.0	100.0	99.7	97.1	88.3	71.8	48.2	22.7	4.6	68.8	900	
	09-11	100.0	99.6	95.7	80.3	59.8	39.0	25.2	11.0	1.8	57.0	900	
	12-14	100.0	98.2	82.3	59.3	36.7	23.2	13.6	6.8	1.0	47.9	900	
	15-17	100.0	96.0	76.6	49.9	30.7	18.1	9.8	3.6	.6	44.0	900	
	18-20	100.0	96.3	78.1	54.3	33.4	20.9	10.0	3.3	.3	45.4	900	
	21-23	100.0	99.4	94.2	81.3	60.1	39.3	21.6	7.3	1.2	56.1	900	
	TOTALS	100.0	98.7	90.8	77.3	61.9	46.5	30.4	14.0	2.7	57.9	7200	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.1	96.1	85.9	63.9	31.9	7.3	74.4	931
	03-05	100.0	100.0	100.0	99.8	99.2	95.1	78.4	41.5	10.9	78.3	931
	06-08	100.0	100.0	100.0	99.4	96.6	86.9	65.4	31.5	7.0	74.6	931
	09-11	100.0	100.0	99.6	93.9	79.4	58.4	32.9	12.9	2.9	64.1	929
	12-14	100.0	100.0	95.2	77.2	55.6	31.6	13.7	5.8	1.6	54.1	931
	15-17	100.0	99.6	90.2	68.6	46.0	27.0	12.5	6.6	1.5	50.7	927
	18-20	100.0	99.9	91.6	75.3	51.2	31.5	16.8	8.1	2.5	53.3	927
	21-23	100.0	100.0	98.7	92.0	79.1	59.8	35.8	15.5	4.4	64.3	927
	TOTALS	100.0	99.9	96.9	88.2	75.4	59.5	39.9	19.2	4.8	64.2	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.5	97.5	91.3	74.8	41.5	6.1	76.8	930
	03-05	100.0	100.0	100.0	99.8	99.4	96.3	81.2	55.3	9.4	79.9	930
	06-08	100.0	100.0	100.0	99.7	99.0	95.2	80.2	51.2	9.5	79.3	930
	09-11	100.0	100.0	100.0	96.8	87.2	71.8	51.2	21.3	4.5	69.0	930
	12-14	100.0	100.0	97.0	83.3	61.5	38.0	21.8	9.0	1.9	57.1	930
	15-17	100.0	100.0	92.2	71.0	45.9	26.6	15.1	5.7	.4	51.3	930
	18-20	100.0	100.0	94.8	77.8	58.2	36.1	18.2	7.6	.5	55.1	930
	21-23	100.0	100.0	99.9	96.8	89.8	77.2	54.7	21.7	2.9	70.1	930
	TOTALS	100.0	100.0	98.0	90.6	79.8	66.6	49.7	26.7	4.4	67.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.7	99.4	95.8	87.6	69.3	39.0	10.7	75.9	900
	03-05	100.0	100.0	100.0	99.6	97.7	90.0	76.1	47.2	11.9	77.8	900
	06-08	100.0	100.0	100.0	99.6	97.2	90.9	77.6	49.3	10.7	78.1	900
	09-11	100.0	100.0	100.0	99.3	91.4	78.6	58.0	28.7	4.6	71.7	900
	12-14	100.0	100.0	98.8	87.1	68.3	48.0	27.7	10.6	1.3	59.8	900
	15-17	100.0	99.9	95.3	77.1	55.0	33.3	21.2	8.1	.8	54.7	900
	18-20	100.0	100.0	97.9	90.3	72.7	51.0	32.4	12.9	1.9	61.6	900
	21-23	100.0	100.0	99.7	98.2	91.7	79.6	58.6	30.0	7.0	72.1	900
	TOTALS	100.0	100.0	98.9	93.7	83.7	69.9	52.6	28.2	6.1	69.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: ELLSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
OCT	00-02	100.0	100.0	99.8	97.8	93.5	82.3	61.0	28.7	6.5	72.5	930	
	03-05	100.0	100.0	99.6	96.2	94.0	84.5	61.0	30.0	8.4	73.1	929	
	06-08	100.0	100.0	99.8	98.2	94.3	87.4	60.2	29.7	7.5	73.3	926	
	09-11	100.0	100.0	99.7	97.4	93.1	82.8	54.3	23.9	4.3	71.2	929	
	12-14	100.0	100.0	99.0	95.2	86.0	71.4	43.1	15.9	1.1	66.6	930	
	15-17	100.0	100.0	99.0	94.9	83.7	65.5	36.5	13.9	1.4	64.9	930	
	18-20	100.0	100.0	99.4	96.7	90.5	77.7	51.8	21.9	2.5	69.7	930	
	21-23	100.0	100.0	99.5	97.0	92.9	82.0	56.8	26.7	4.3	71.4	930	
	TOTALS	100.0	100.0	99.5	96.9	91.0	79.2	53.1	23.8	4.5	70.3	7434	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
NOV	00-02	100.0	100.0	99.9	96.8	87.1	65.0	41.0	18.8	4.9	67.1	897
	03-05	100.0	100.0	100.0	98.0	87.5	66.9	40.1	18.6	6.1	67.3	896
	06-08	100.0	100.0	100.0	97.9	86.8	66.7	39.4	16.1	4.7	66.8	896
	09-11	100.0	100.0	99.9	98.2	88.0	65.7	39.4	16.2	4.5	66.9	897
	12-14	100.0	100.0	100.0	98.3	90.8	67.6	43.2	15.8	4.3	67.6	896
	15-17	100.0	100.0	100.0	98.1	91.8	68.9	43.1	18.1	5.6	68.1	900
	18-20	100.0	100.0	99.8	97.7	89.0	67.0	42.7	21.1	5.9	68.2	900
	21-23	100.0	100.0	100.0	96.8	88.1	66.6	42.7	17.9	5.3	67.5	896
	TOTALS	100.0	100.0	100.0	97.7	88.6	66.8	41.5	17.8	5.2	67.4	7184

AD-A188 316 EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87
UNCLASSIFIED USAFELIAC/DS-87/079

4/4

F/G 4/2

NL





MICROCOPY RESOLUTION TEST CHART
NBS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	98.8	92.3	68.9	42.3	14.4	2.4	67.6	846
	03-05	100.0	100.0	99.8	98.5	92.5	69.5	44.1	15.0	3.0	67.8	842
	06-08	100.0	100.0	99.9	98.6	92.7	67.7	40.3	15.5	3.7	67.5	837
	09-11	100.0	100.0	100.0	98.4	92.5	67.9	42.5	14.3	3.5	67.4	832
	12-14	100.0	100.0	100.0	99.0	93.7	69.6	43.5	13.9	3.5	68.0	835
	15-17	100.0	100.0	100.0	98.4	93.8	70.7	43.8	13.8	3.3	68.1	852
	18-20	100.0	100.0	100.0	98.3	94.5	72.3	44.6	14.9	4.1	68.3	847
	21-23	100.0	100.0	99.8	98.6	94.0	71.2	45.3	15.4	4.5	68.2	844
	TOTALS	100.0	100.0	99.9	98.6	93.3	69.7	43.3	14.7	3.5	67.9	6741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	ALL	100.0	100.0	99.1	94.9	82.9	58.5	22.9	3.8	.9	61.8	6763	
FEB		100.0	100.0	99.5	95.2	78.5	49.2	20.1	4.9	.6	60.4	6292	
MAR		100.0	100.0	98.4	89.7	67.6	38.6	16.2	4.0	1.0	57.2	7438	
APR		100.0	99.6	94.1	76.2	53.5	34.5	16.9	6.9	1.7	53.9	7194	
MAY		100.0	97.9	81.7	61.3	42.7	26.6	13.5	5.0	.6	48.6	7440	
JUN		100.0	98.7	90.8	77.3	61.9	46.5	30.4	14.0	2.7	57.9	7200	
JUL		100.0	99.9	96.9	88.2	75.4	59.5	39.9	19.2	4.8	64.2	7430	
AUG		100.0	100.0	98.0	90.6	79.8	66.6	49.7	26.7	4.4	67.3	7440	
SEP		100.0	100.0	98.9	93.7	83.7	69.9	52.6	28.2	6.1	69.0	7200	
OCT		100.0	100.0	99.5	96.9	91.0	79.2	53.1	23.8	4.5	70.3	7434	
NOV		100.0	100.0	100.0	97.7	88.6	66.8	41.5	17.8	5.2	67.4	7184	
DEC		100.0	100.0	99.9	98.6	93.3	69.7	43.3	14.7	3.5	67.9	6741	
TOTALS		100.0	99.7	96.4	88.4	74.9	55.5	33.3	14.1	3.0	62.2	85756	

PPPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAAA
AAAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

FFFFFFFFF
FFFFFFFFF
FF
FF
FFFFF
FFFFF
FF
FF
FF
FF
FF

PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
70	MEAN	29.185	29.256	29.193	29.201	29.210	29.220	29.289	29.269	29.217	29.106	29.169	29.249	29.214
	SD	.413	.403	.271	.299	.221	.202	.156	.203	.251	.339	.406	.458	.319
	TOT OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
73	MEAN	29.184	29.260	29.198	29.210	29.224	29.236	29.303	29.281	29.223	29.107	29.169	29.249	29.220
	SD	.416	.405	.271	.300	.223	.203	.157	.203	.253	.341	.407	.460	.321
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
76	MEAN	29.178	29.256	29.197	29.217	29.237	29.248	29.313	29.289	29.226	29.103	29.164	29.243	29.222
	SD	.419	.406	.271	.301	.224	.204	.158	.203	.255	.343	.409	.461	.323
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
79	MEAN	29.178	29.262	29.200	29.220	29.237	29.249	29.314	29.294	29.233	29.108	29.166	29.243	29.225
	SD	.420	.407	.271	.300	.224	.205	.160	.204	.255	.341	.411	.459	.323
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.188	29.269	29.197	29.206	29.217	29.232	29.301	29.286	29.228	29.112	29.172	29.252	29.221
	SD	.416	.406	.268	.299	.221	.206	.161	.202	.254	.340	.412	.459	.322
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.183	29.256	29.177	29.184	29.196	29.210	29.278	29.264	29.210	29.101	29.163	29.247	29.206
	SD	.413	.406	.265	.298	.218	.206	.159	.201	.254	.338	.413	.459	.320
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
18	MEAN	29.182	29.254	29.168	29.169	29.181	29.194	29.265	29.245	29.198	29.098	29.161	29.245	29.197
	SD	.412	.405	.266	.298	.215	.204	.156	.201	.254	.336	.414	.458	.319
	TOT OBS	310	282	310	299	310	300	309	310	300	310	300	310	3650
21	MEAN	29.182	29.261	29.178	29.181	29.192	29.200	29.273	29.249	29.205	29.101	29.163	29.248	29.202
	SD	.410	.404	.266	.299	.216	.201	.154	.202	.254	.337	.414	.457	.319
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL	MEAN	29.183	29.259	29.188	29.198	29.212	29.224	29.292	29.272	29.218	29.105	29.166	29.247	29.213
	SD	.414	.405	.269	.299	.221	.205	.158	.203	.254	.339	.410	.458	.321
	TOT OBS	2480	2256	2480	2398	2480	2400	2477	2480	2400	2480	2400	2480	29211

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HGS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702650 STATION NAME: EIELSON AFB AK

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
00	MEAN	1010.4	1012.9	1010.1	1010.0	1009.8	1010.0	1012.3	1011.7	1010.2	1006.8	1009.6	1012.7	1010.5
	SD	14.544	14.058	9.534	10.468	7.692	7.043	5.390	7.030	8.747	11.823	14.201	16.141	11.169
	TOT OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
03	MEAN	1010.4	1012.9	1010.3	1010.3	1010.3	1010.5	1012.8	1012.1	1010.4	1006.8	1009.5	1012.7	1010.7
	SD	14.648	14.114	9.516	10.519	7.742	7.079	5.427	7.036	8.802	11.887	14.240	16.185	11.219
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1010.1	1012.9	1010.3	1010.5	1010.8	1011.0	1013.1	1012.4	1010.5	1006.7	1009.4	1012.5	1010.8
	SD	14.750	14.181	9.507	10.547	7.771	7.115	5.483	7.045	8.903	11.962	14.312	16.236	11.280
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1010.2	1013.1	1010.5	1010.6	1010.7	1011.0	1013.1	1012.6	1010.8	1006.9	1009.5	1012.5	1010.9
	SD	14.793	14.190	9.509	10.528	7.754	7.127	5.525	7.066	8.878	11.904	14.373	16.171	11.276
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1010.5	1013.3	1010.3	1010.2	1010.1	1010.4	1012.7	1012.3	1010.6	1007.1	1009.6	1012.8	1010.8
	SD	14.689	14.180	9.408	10.466	7.687	7.145	5.548	6.997	8.856	11.833	14.413	16.153	11.235
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1010.3	1012.8	1009.5	1009.4	1009.4	1009.7	1011.9	1011.5	1009.9	1006.6	1009.3	1012.6	1010.2
	SD	14.541	14.121	9.295	10.421	7.578	7.153	5.506	6.948	8.815	11.774	14.413	16.180	11.189
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
18	MEAN	1010.3	1012.8	1009.2	1008.9	1008.8	1009.1	1011.5	1010.9	1009.5	1006.5	1009.3	1012.5	1009.9
	SD	14.524	14.094	9.300	10.436	7.480	7.087	5.376	6.976	8.829	11.753	14.444	16.111	11.170
	TOT OBS	310	282	310	299	310	300	309	310	300	310	300	310	3650
21	MEAN	1010.3	1013.1	1009.7	1009.2	1009.2	1009.3	1011.7	1011.1	1009.8	1006.7	1009.4	1012.6	1010.2
	SD	14.466	14.110	9.309	10.465	7.504	6.986	5.333	7.003	8.860	11.744	14.505	16.107	11.168
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL	MEAN	1010.3	1013.0	1010.0	1009.9	1009.9	1010.1	1012.4	1011.8	1010.2	1006.8	1009.5	1012.6	1010.5
	SD	14.600	14.110	9.418	10.483	7.671	7.114	5.474	7.027	8.832	11.819	14.342	16.138	11.217
	TOT OBS	2480	2256	2480	2398	2480	2400	2477	2480	2400	2480	2400	2480	29211

END

DATE
FILMED

8